

Db 17 GTGCTCTGCTCTG 3

RESULT 163
US-09-286-407-9
Sequence 9, Application US/09286407A
Patent No. 6165788
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric B.
APPLICANT: Cowert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0349
CURRENT APPLICATION NUMBER: US/09/286,407A
CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-286-407-9

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGCTCC 1005
Db 3 TCTGCCACGGCTCC 17

RESULT 164
US-09-075-717A-6/C
Sequence 6, Application US/09075717A
Patent No. 6174869
GENERAL INFORMATION:
APPLICANT: Barrett, Graham L.
TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSER: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/075,717A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/633,792
FILING DATE: 01-JUL-1996
APPLICATION NUMBER: AU PM/1870
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGLO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516)742-4343
TELEFAX: (516)742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"
US-09-075-717A-6

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 347 TGTACAGGAGTCCA 361
Db 17 TGTACAGGAGTCCA 3

RESULT 165
US-09-496-694B-18
Sequence 18, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-496-694B-18

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 991 TTGGCCACGGCTCC 1005
Db 3 TCTGCCACGGCTCC 17

RESULT 166
US-09-496-694B-58
Sequence 58, Application US/09496694B
Patent No. 6335194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 58
LENGTH: 18

```

: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-58

Query Match
Best Local Similarity 0.9%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 991 TTGGCAACGGGTCC 1005
Db 3 TGTGCAACGGGTCC 17

RESULT 167
US-09-920-760-20
: Sequence 20, Application US/09920760
: Patent No. 6492173
: GENERAL INFORMATION:
: APPLICANT: Lex M. Cowart
: TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
: FILE REFERENCE: RRS-0275
: CURRENT APPLICATION NUMBER: US/09/920,760
: CURRENT FILING DATE: 2001-08-01
: NUMBER OF SEQ ID NOS: 89
: SEQ ID NO 20
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-20

Query Match
Best Local Similarity 0.9%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 758 GGATCCACCTGCTG 772
Db 1 GGTCCACCTGCTG 15

RESULT 168
US-08-486-408-17/c
: Sequence 17, Application US/08486408
: Patent No. 5716846
: GENERAL INFORMATION:
: APPLICANT: Brown, Steven Joel
: APPLICANT: Dattagupta, Nanibhushan
: APPLICANT: Naidu, Yathi M.
: TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
: TITLE OF INVENTION: POLYMERIZATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-
: NUMBER OF SEQUENCES: 19
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Gen-Probe Incorporated
: STREET: 9880 Campus Point Drive
: CITY: San Diego
: STATE: CA
: COUNTRY: USA
: ZIP: 92121
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSeq Version 1.5
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/486,408
: FILING DATE: 07-JUN-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
```

```

: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Fleher, Carlos A
: REGISTRATION NUMBER: 36,510
: REFERENCE/DOCKET NUMBER: CB1009
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619-535-2807
: TELEFAX: 619-546-7929
: TELEX:
: INFORMATION FOR SEQ ID NO: 17:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 19 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-486-408-17

Query Match
Best Local Similarity 0.9%; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 211 CCCAGTACCTGTCC 225
Db 17 CCATTAGCCTGTCC 3

RESULT 169
US-08-582-539-19/c
: Sequence 19, Application US/08582539
: Patent No. 5733732
: GENERAL INFORMATION:
: APPLICANT: Campbell, Kevin P., et al.
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING PRIMARY
: NUMBER OF SEQUENCES: 32
: CORRESPONDENCE ADDRESS:
: ADDRESSER: Kevin M. Farrell
: STREET: P.O. Box 999
: CITY: York Harbor
: STATE: ME
: COUNTRY: USA
: ZIP: 03911
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/582,539
: FILING DATE:
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Farrell, Kevin M.
: REGISTRATION NUMBER: 35,505
: REFERENCE/DOCKET NUMBER: UIRF-9501
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 207-363-0558
: TELEFAX: 207-363-0528
: INFORMATION FOR SEQ ID NO: 19:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 19 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
US-08-582-539-19

Query Match
Best Local Similarity 0.9%; Score 13.4; DB 1; Length 19;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 225 CTTCAACATGTGAA 239
Db 1 CTTCAACATGTGAA 239
```


Db 17 CTTGAGCATGTGGAA 3

RESULT 170

US-08-975-570-17/c

Sequence 17, Application US/08975570
Patent No. 5945336

GENERAL INFORMATION:

APPLICANT: Brown, Steven Joel

APPLICANT: Datasupta, Nanihushan

APPLICANT: Naidu, Yachi M

TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR

TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-

TITLE OF INVENTION: mRNA

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESSES:

ADDRESSER: Gen-Probe Incorporated

STREET: 9880 Campus Point Drive

CITY: San Diego

STATE: CA

COUNTRY: USA

ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/975,570

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/486,408

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Fisher, Carlos A

REGISTRATION NUMBER: 36,510

REFERENCE/DOCKET NUMBER: CB1009

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-535-2807

TELEFAX: 619-546-7929

TELEX:

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-975-570-17

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCGAGTGGCTGTCC 225

Db 17 CCCATTAGCCTGTCC 3

RESULT 171

US-09-422-978-4832/c

Sequence 4832, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marra

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 4832

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURES:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: upstream amplification primer 99-18079 for SEQ 898,

US-09-422-978-4832

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 660 CATGTCCTTCA 674

Db 19 CATTTCCTTCA 5

RESULT 172

PCT-US95-04910-6

Sequence 6, Application PC/TUS9504910

GENERAL INFORMATION:

APPLICANT: The Government of the United

APPLICANT: States of America as represented

APPLICANT: by the Secretary, Department of

APPLICANT: Health and Human Services

TITLE OF INVENTION: ISOLATION AND

TITLE OF INVENTION: CHARACTERIZATION OF A NOVEL PRIMATE T-CELL

TITLE OF INVENTION: LYMPHOTROPIC VIRUS AND THE USE OF THIS VIRUS

TITLE OF INVENTION: OR COMPONENTS THEREOF IN DIAGNOSTIC ASSAYS

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESSES:

ADDRESSER: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04910

FILING DATE: 21-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/231,526

FILING DATE: 22-APR-1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: WILLIAM S. PRILLER

REGISTRATION NUMBER: 26,728

REFERENCE/DOCKET NUMBER: 2026-4125PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

TELEX: 421792

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US95-04910-6

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 284 TCATGAACCCGAGCG 298
DB 1 TCATGAACCCGAGCTG 15

RESULT 173

US-08-152-313-63
Sequence 63, Application US/08152313
Patent No. 5561041

GENERAL INFORMATION:

APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Judas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,313
FILING DATE: 12-NOV-1993
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18

US-08-152-313-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGAACCTGAAGCTCAT 542
DB 1 CATGAACCTGAAGCCCAT 18

RESULT 174

US-08-579-223-63
Sequence 63, Application US/08579223
Patent No. 5726019

GENERAL INFORMATION:

APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Judas & Lubitz

STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,223
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:

NAME/KEY: CDS
LOCATION: 1..18
US-08-579-223-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGAACCTGAAGCTCAT 542
DB 1 CATGAACCTGAAGCCCAT 18

RESULT 175

US-08-763-502-10/C
Sequence 10, Application US/08763502
Patent No. 5763184

GENERAL INFORMATION:

APPLICANT: Reynolds, Rebecca L.
TITLE OF INVENTION: Nucleotide Sequence Variation in the ABO
Patent No. 5763184
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/763,502
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Petry, Douglas A
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-763-502-10

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGAGTCATGTGGGCT 616
DB 18 GTGCATCATATGAGCT 1

RESULT 176
US-08-181-664-49
Sequence 49, Application US/08181664
Patent No. 6025127
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-3055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-181-664-49

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 525 CATGACCTGAGCTCAT 542

DB 1 CATGACCTGAGCCCAT 18

RESULT 177
US-08-722-240-7
Sequence 7, Application US/08722240
Patent No. 6083905
GENERAL INFORMATION:
APPLICANT: Voorberg, Johannes Jacobus,
APPLICANT: van Mourik, Jan Aart
TITLE OF INVENTION: Method and means for detecting and treating
TITLE OF INVENTION: disorders in the blood coagulation cascade
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Michaelson & Wallace
STREET: 328 Newman Springs Road, P.O. Box 8489
CITY: Red Bank
STATE: New Jersey
ZIP: 07701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
COMPUTER: HP Vectra XV
OPERATING SYSTEM: Windows NT 4 Workstation
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,240
FILING DATE: January 27, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Michaelson, Peter L.
REGISTRATION NUMBER: 30090
REFERENCE/DOCKET NUMBER: Stichting-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732) 530-6584
TELEFAX: (732) 530-6584
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-722-240-7

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAGGCAATCCC 960
DB 1 GTGTTGAGGATATATCC 18

RESULT 178
US-08-722-240-31
Sequence 31, Application US/08722240
Patent No. 6083905
GENERAL INFORMATION:
APPLICANT: Voorberg, Johannes Jacobus,
APPLICANT: van Mourik, Jan Aart
TITLE OF INVENTION: Method and means for detecting and treating
TITLE OF INVENTION: disorders in the blood coagulation cascade
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Michaelson & Wallace
STREET: 328 Newman Springs Road, P.O. Box 8489
CITY: Red Bank
STATE: New Jersey
ZIP: 07701
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk 3 1/2", 1.44 Mbyte
COMPUTER: HP Vectra XU
OPERATING SYSTEM: Windows NT 4 Workstation
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,240
FILING DATE: January 27, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Michaelson, Peter L.
REGISTRATION NUMBER: 30090
REFERENCE/DOCKET NUMBER: Stichting-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732) 530-6671
TELEFAX: (732) 530-6584
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-722-240-31

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCCCC 960
DB 1 GTGTTGAAGTATATATCC 18

RESULT 179
US-09-205-143-17/c
Sequence 17, Application US/09205143
Patent No. 6107091
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
FILE REFERENCE: RTS-0032
CURRENT APPLICATION NUMBER: US/09/205,143
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-17

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 746 AGAAGATCAAGCATCC 763
DB 18 AGAAGATCAAGCATCC 1

RESULT 180
US-08-390-353A-20/c
Sequence 20, Application US/08390353A
Patent No. 6107457
GENERAL INFORMATION:
APPLICANT: Arlinghaus, Ralph B.
APPLICANT: Liu, Jiaxin
APPLICANT: Lopez-Berestein, Gabriel
TITLE OF INVENTION: Bcr-Abl Directed Compositions and Uses for
Regulating Philadelphia Chromosome Stimulated
TITLE OF INVENTION: Cell Activity

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,353A
FILING DATE: 16-FEB-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSC:421/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-390-353A-20

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 495 GGGTCGGCGGATGAT 512
DB 18 GGATGTCGGGATGAT 1

RESULT 181
US-08-390-353A-21
Sequence 21, Application US/08390353A
Patent No. 6107457
GENERAL INFORMATION:
APPLICANT: Arlinghaus, Ralph B.
APPLICANT: Liu, Jiaxin
APPLICANT: Lopez-Berestein, Gabriel
TITLE OF INVENTION: Bcr-Abl Directed Compositions and Uses for
Regulating Philadelphia Chromosome Stimulated
TITLE OF INVENTION: Cell Activity
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,353A
FILING DATE: 16-FEB-1995
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSC:421/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-390-353A-21

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 182
US-09-101-059-20/C
Sequence 20, Application US/09101059
Patent No. 6537804
GENERAL INFORMATION:
APPLICANT: ARLINGHAUS, RALPH B.
APPLICANT: LIU, JIAXIN
APPLICANT: LOPEZ-BERESTEIN, GABRIEL
APPLICANT: LU, DAI
TITLE OF INVENTION: BCR-ABL DIRECTED COMPOSITIONS AND USES FOR INHIBITING
TITLE OF INVENTION: PHILADELPHIA CHROMOSOME STIMULATED CELL GROWTH
FILE REFERENCE: UTXC:488
CURRENT APPLICATION NUMBER: US/09/101,059
CURRENT FILING DATE: 1999-06-21
PRIOR APPLICATION NUMBER: 08/390,353
PRIOR FILING DATE: 1995-02-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-101-059-20

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 183
US-09-101-059-21
Sequence 21, Application US/09101059
Patent No. 6537804
GENERAL INFORMATION:
APPLICANT: ARLINGHAUS, RALPH B.
APPLICANT: LIU, JIAXIN
APPLICANT: LOPEZ-BERESTEIN, GABRIEL
APPLICANT: LU, DAI
TITLE OF INVENTION: BCR-ABL DIRECTED COMPOSITIONS AND USES FOR INHIBITING

TITLE OF INVENTION: PHILADELPHIA CHROMOSOME STIMULATED CELL GROWTH
FILE REFERENCE: UTXC:488
CURRENT APPLICATION NUMBER: US/09/101,059
CURRENT FILING DATE: 1999-06-21
PRIOR APPLICATION NUMBER: 08/390,353
PRIOR FILING DATE: 1995-02-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-101-059-21

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 495 GGGTGGCGCGGTGATGAT 512
DB 1 GGATGTGTGGGTGATGAT 18

RESULT 184
PCT-US94-12947A-63
Sequence 63, Application PC/TUS9412947A
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
NUMBER OF SEQUENCES: 128
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Judas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12947A
FILING DATE: 10-NOV-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
PCT-US94-12947A-63

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 525 CATGACCTGAAGTCAT 542
|||||
Db 1 CATGACCTGAAGCCCAT 18

RESULT 185
US-08-770-235A-24

Sequence 24, Application US/0870235A

Patent No. 5939538

GENERAL INFORMATION:

APPLICANT: Leavitt, Markley C.

APPLICANT: Tiltz, Richard

APPLICANT: Feng, Yu

APPLICANT: Barber, Jack

APPLICANT: Yu, Mang

TITLE OF INVENTION: Methods and Compositions for Inhibiting

TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA

NUMBER OF SEQUENCES: 77

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/770,235A

FILING DATE: 19-DEC-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/027,875

FILING DATE: 25-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: QUINE, Jonathan A.

REGISTRATION NUMBER: P-41,261

REFERENCE/DOCKET NUMBER: 016556-001610US

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

US-08-770-235A-24

Query Match 0.9%; Score 13; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.5e+02;

Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy 1295 TGATCTGCGCT 1307
|||||
Db 4 UGUCUCGCGCU 16

RESULT 186
US-08-964-020-18/c

Sequence 18, Application US/08964020

Patent No. 6077669

GENERAL INFORMATION:

APPLICANT: Vonk, Glenn P.

APPLICANT: Little, Michael C.

TITLE OF INVENTION: Kit and Method for Fluorescence Based

TITLE OF INVENTION: Detection Assay

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
Company
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: NJ
COUNTRY: USA

ZIP: 07417

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/964,020

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Hight, David W.

REGISTRATION NUMBER: 30,265

REFERENCE/DOCKET NUMBER: P-4025

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 847-5317

TELEFAX: (201) 848-9228

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-964-020-18

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 685 GGATTATTGCTG 697
|||||
Db 13 GGATTATTGCTG 1

RESULT 187

US-08-963-927-18/c

Sequence 18, Application US/08963927

Patent No. 6096501

GENERAL INFORMATION:

APPLICANT: Berger, Dolores M.

APPLICANT: Foxall, Paul A.

TITLE OF INVENTION: Assay for Chlamydia Trachomatis by

TITLE OF INVENTION: Amplification and Detection of Chlamydia Trachomatis

TITLE OF INVENTION: Cryptic Plasmid

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and

Company

STREET: 1 Becton Drive

CITY: Franklin Lakes

STATE: NJ

COUNTRY: USA

ZIP: 07417

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/963,927

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Hight, David W.

REGISTRATION NUMBER: 30,265

REFERENCE/DOCKET NUMBER: P-3889

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 847-5317
TELEFAX: (201) 848-9228
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-963-927-18

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 685 GGATTATTGCTG 697
Db 13 GGATTATTGCTG 1

RESULT 188
US-09-481-810-18/c
Sequence 18, Application US/09461810
Patent No. 6218125
GENERAL INFORMATION:
APPLICANT: Berger, Dolores M.
APPLICANT: Foxall, Paul A.
TITLE OF INVENTION: Assay for Chlamydia Trachomatis by
TITLE OF INVENTION: Amplification and Detection of Chlamydia Trachomatis
TITLE OF INVENTION: Cryptic Plasmid
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSER: Richard J. Rodrick - Becton, Dickinson and
ADDRESSER: Company
STREET: 1 Becton Drive
CITY: Franklin Lakes
STATE: NJ
COUNTRY: USA
ZIP: 07417
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/481,810
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Highe, David W.
REGISTRATION NUMBER: 30,265
REFERENCE/DOCKET NUMBER: P-3889
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 847-5317
TELEFAX: (201) 848-9228
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-481-810-18

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 685 GGATTATTGCTG 697
Db 13 GGATTATTGCTG 1

RESULT 189
US-09-290-577-27/c

Sequence 27, Application US/09290577
Patent No. 6238868
GENERAL INFORMATION:
APPLICANT: Carrino, John J.
APPLICANT: Gerrie, Louis O.
APPLICANT: Diver, Jonathan M.
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC
TITLE OF INVENTION: ACID SEQUENCES USING LIGATION-DEPENDANT STRAND
TITLE OF INVENTION: DISPLACEMENT AMPLIFICATION AND BIOELECTRONIC CHIP
TITLE OF INVENTION: TECHNOLOGY
FILE REFERENCE: 238/238
CURRENT APPLICATION NUMBER: US/09/290,577
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 17
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-290-577-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 685 GGATTATTGCTG 697
Db 13 GGATTATTGCTG 1

RESULT 190
US-09-290-452-27/c
Sequence 27, Application US/09290452
Patent No. 6309833
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Meatin, Lorelei P.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
TITLE OF INVENTION: STRUCTURES
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 17
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-290-452-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 685 GGATTATTGCTG 697
Db 13 GGATTATTGCTG 1

RESULT 191
US-09-290-338-27/c
Sequence 27, Application US/09290338
Patent No. 6326173
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Edman, Carl F.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
TITLE OF INVENTION: AMPLIFICATION IN NASBA
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338

;; CURRENT FILING DATE: 1999-04-12
;; NUMBER OF SEQ ID NOS: 62
;; SOFTWARE: PastSeq for Windows Version 3.0
;; SEQ ID NO 27
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Chlamydia trachomatis
US-09-290-338-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATATTGCTG 697
DB 13 GGATATTGCTG 1

RESULT 192
US-09-290-000-27/C
; Sequence 27, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl P.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Chlamydia trachomatis
US-09-290-000-27

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATATTGCTG 697
DB 13 GGATATTGCTG 1

RESULT 193
US-09-617-106-3
; Sequence 3, Application US/09617106
; Patent No. 6541507
; GENERAL INFORMATION:
; APPLICANT: Dako, Maria
; APPLICANT: Galey, Jean-Baptiste
; APPLICANT: Bernard, Bruno
; TITLE OF INVENTION: Indolecarboxylic Compounds for Inducing/Stimulating Hair
; TITLE OF INVENTION: Growth and/or Retarding Hair Loss
; FILE REFERENCE: 016800-386
; CURRENT APPLICATION NUMBER: US/09/617,106
; CURRENT FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: FR 99/09268
; PRIOR FILING DATE: 1999-07-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer used to obtain the 5 alpha-reductase II cDNA

US-09-617-106-3

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGGTTCACTG 1081
DB 5 TGCAGGTTCACTG 17

RESULT 194
US-09-205-204-37
; Sequence 37, Application US/09205204
; Patent No. 5958772
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRES
; FILE REFERENCE: RTS-0020
; CURRENT APPLICATION NUMBER: US/09/205,204
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-204-37

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 632 TGAATCTCATCA 644
DB 6 TGAATCTCATCA 18

RESULT 195
US-09-280-409-29/C
; Sequence 29, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-29

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 TGATGACATCAGC 1562
DB 18 TGATGACATCAGC 6

RESULT 196
US-09-280-409-64/C

Sequence 64, Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 64
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-64

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 TGATGACATCAGC 1562
DB 17 TGATGACATCAGC 5

RESULT 197
US-09-071-433-1/c
Sequence 1, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowser, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-1

Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGGTCCTGCGCC 1306
DB 17 GTGGTCCTGCGCC 5

RESULT 198
US-08-292-620A-1593
Sequence 1593, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Scinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1593:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1593

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGAGGCC 906
DB 1 CTACAGCCCGAGGCC 16

RESULT 199
US-09-071-845-1593
Sequence 1593, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Scinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1593:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1593

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCGCGAGCC 906
Db 1 CUCACGCCGCGAGC 16

RESULT 200
US-09-545-569A-12/C
Sequence 12, Application US/09545569A
Patent No. 6475768
GENERAL INFORMATION:
APPLICANT: OTERO, RICARDO ROMAN CORDERO
APPLICANT: GARDONYI, MARK
APPLICANT: HAHN-HAGERDL, BARBEL
APPLICANT: VAN ZYL, WILHEM HEBER
APPLICANT: DACKENAG, EVA ANNA VIKTORIA
TITLE OF INVENTION: XYLOSE ISOMERASE WITH IMPROVED PROPERTIES
FILE REFERENCE: 06063.0015 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/545,569A
CURRENT FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: SE 9901298-1
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: PRIMER FOR THERMUS THERMOPHILUS XYLA GENE.
US-09-545-569A-12

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 496 GGTGCGCGCGTATGA 511
Db 16 GGTGCGCGCGTATGA 1

RESULT 201
US-09-371-772B-5877
Sequence 5877, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5877
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5877

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 1.6e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 917 TGAAGCTAATGTCAA 932
Db 1 UCAAGCAAAUGUACAA 16

RESULT 202
US-09-371-772B-7124
Sequence 7124, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Scinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 7124
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7124

Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1544 AATCCGTGATGACATC 1559
||:|||||:|||||
Db 1 AATCCGAGUCGAGAC 16

RESULT 203
US-08-373-124A-564

; Sequence 564, Application US/08373124A
; Patent No. 5646042

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwigen, James

; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLES OF INVENTION: TREATMENT OF RESTENOSIS AND

; NUMBER OF SEQUENCES: 2637

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: Storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/373,124A

; FILING DATE: January 13, 1995

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 564:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-373-124A-564

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 746 AGAATCATGACGAGAT 761
|||||:|||||:|||||

Db 2 AGAAGAUUCGAGGAU 17

RESULT 204

US-08-373-124A-1433/C
; Sequence 1433, Application US/08373124A

; Patent No. 5646042

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwigen, James

; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLES OF INVENTION: TREATMENT OF RESTENOSIS AND

; NUMBER OF SEQUENCES: 2637

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; MEDIUM TYPE: Storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/373,124A

; FILING DATE: January 13, 1995

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1433:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-373-124A-1433

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1546 TCCCTGATGATGAG 1561
|||||:|||||:|||||

Db 17 TCTCTGTGACATGAG 2

RESULT 205

US-08-758-306-463
; Sequence 463, Application US/08758306

; Patent No. 5807743

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwigen, James A.

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLES OF INVENTION: TREATMENT OF DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH

; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 463:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-463

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 17;
Matches 8; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1090 TTTCTCTCCCATCTC 1105
Db 2 UUUCCUCCUCCUCC 17

RESULT 206
US-08-758-306-479
Sequence 479, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 479:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-479

Query Match
Best Local Similarity 0.9%; Score 12.8; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1003 TCCATCTACCCACCA 1018
Db 2 UCCAUCCUCCUCCGA 17

RESULT 207
US-08-435-628-564
Sequence 564, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 564:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-564

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGAAGATGACGAGAT 761
DB 2 AGAAGATGACGAGAT 17

RESULT 208
US-08-435-628-1433/c
Sequence 1433, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: MCSWIGGEN, JAMES
APPLICANT: JARVIS, THALE
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1433:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1433

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1546 TCCGTGATGACATCAG 1561
DB 17 TCCGTGATGACATCAG 2

RESULT 209
US-08-998-099-62/c
Sequence 62, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 62
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-62

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1298 TCCGTGCGCTGCTCTG 1313
DB 16 TCCGTGCGCTGCTCTG 1

RESULT 210
US-08-998-099-98
Sequence 98, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124

EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO: 98
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-98

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGACATGACGAGAT 761
DB 2 AGAGCAUCAGCAGCAU 17

RESULT 211
US-08-246-489-3
Sequence 3, Application US/08246489
Patent No. 6225049
GENERAL INFORMATION:
APPLICANT: Ian, Michael S.
APPLICANT: No. 6225049kms, Abner L.
TITLE OF INVENTION: NOVEL HUMAN INSULINOMA-ASSOCIATED CDNA
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobb, Martens, Olson & Bear
STREET: 620 Newport Center Drive
CITY: Newport Beach
STATE: California
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,489
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/901,715
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Israel, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH012.012A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-246-489-3

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAAGAC 678
DB 1 GTTCCCTGCAAGTAC 16

RESULT 212
US-09-282-146-7
Sequence 7, Application US/09282146A
Patent No. 6303847
GENERAL INFORMATION:
APPLICANT: KAWAKA, Akiyoshi
APPLICANT: EBINUMA, Hiroyasu
TITLE OF INVENTION: TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID
FILE REFERENCE: 4859-0027-0
CURRENT APPLICATION NUMBER: US/09/282,146A
CURRENT FILING DATE: 1999-03-31
EARLIER APPLICATION NUMBER: JP 10-125171
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent Ver. 2.1
SEQ ID NO: 7
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-282-146-7

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 CTCAACAACCTCCGACT 715
DB 2 CTCAACAACCTCCCT 17

RESULT 213
US-08-584-040-2116
Sequence 2116, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2116:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2116

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 931 AAGAGTCAGGCGTGT 946
DB 2 AAGAGTCAGGCGTGT 17

RESULT 214
US-08-584-040-7913
Sequence 7913, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Secodedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF INVENTIONS: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7913:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-7913

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

OY 1098 CCATCTCACTTCCTC 1113
DB 2 CCATCTCACTTCCTC 17

RESULT 215
US-08-679-645-118

Sequence 118, Application US/08679645

Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent B.

APPLICANT: McSwiggen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Skokut, Thomas A.

APPLICANT: Young, Scott A.

APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF INVENTIONS: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Wardburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 118:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-118

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 438 CTCGAGTCCGAGGC 453

Db 1 CUACGAGCCACGAGC 16

RESULT 216

US-08-679-645-756

Sequence 756, Application US/08679645

Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent E.

APPLICANT: McSwigen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Skokut, Thomas A.

APPLICANT: Young, Scott A.

APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 756:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-756

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 62.5%; Pred. No. 1.9e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 635 ATCTCATACACAGTA 650

Db 2 AUCUGCUCACACAGTA 17

RESULT 217

US-09-371-772B-661

Sequence 661, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwigen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEBB00, 876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

PRIOR FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 661

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-661

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 1.9e+02;

Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 931 AAGGAGTCAGGGGTGT 946

Db 2 AAGGAGTCAGGGGTGT 17

RESULT 218

US-09-371-772B-3696

Sequence 3696, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwigen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEBB00, 876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

PRIOR FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3696

LENGTH: 17

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-3696

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 56.2%; Pred. No. 1.9e+02;

Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1098 CCACTCTCACTTCTC 1113

Db 2 CCACTCTCACTTCTC 17

RESULT 219

US-09-371-772B-4232/C

Sequence 4232, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4232
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4232

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1138 GCGGTGACTGCGCTGC 1153
DB 17 GCAGTGTCTGCGCTGC 2

RESULT 220
US-09-371-772B-6581
Sequence 6581, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6581
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6581

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCATGAGG 1339
DB 2 AGCGGGCCAUAGGAGG 17

RESULT 221
US-07-985-690A-4/c
Sequence 4, Application US/07985690A
Patent No. 5376545
GENERAL INFORMATION:

APPLICANT: Yagasaki, Makoto
APPLICANT: Ichino, Shuichi
APPLICANT: Iwata, Kazuhisa
APPLICANT: Azuma, Masaki
APPLICANT: Teshiba, Sadao
APPLICANT: Hasegawa, Masaru
APPLICANT: Yamaguchi, Kazuo
APPLICANT: Yano, Keiichi
APPLICANT: Yokoo, Yoshiharu
APPLICANT: Hashimoto, Yukio
TITLE OF INVENTION: DNA CODING FOR URICASE AND PROCESS FOR
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSER: ANTONELLI, TERRY, STOUT & KRAUS
STREET: Suite 600, 1919 Pennsylvania Avenue, N.W.
CITY: Washington,
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage
COMPUTER: NEC PC-9801 Series
OPERATING SYSTEM: MS-DOS Ver3.30 or Later
SOFTWARE: PATENT AID
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/985,690A
FILING DATE: 19921203
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP91/320525
FILING DATE: 04-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
REGISTRATION NUMBER: 20178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-828-0300
TELEFAX: 202-828-0380
TELEX: 440280
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: SYNTHETIC DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-985-690A-4

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1490 GGAGTAGTAGTAAAA 1505
DB 17 GGAGTAGTAGTAGACA 2

RESULT 222
US-08-379-081B-238
Sequence 238, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESSES:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA

COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRNMS
US-08-379-081B-238

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1181 TCTGACATCCACCG 1197
Db 2 TTCTGANATGCACCG 18

RESULT 223
US-08-379-078-238
Sequence 238, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Candida glabrata
IMMEDIATE SOURCE:
CLONE: YSSCRNMS
US-08-379-078-238

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1181 TCTGACATCCACCG 1197
Db 2 TTCTGANATGCACCG 18

RESULT 224
US-08-440-103-5
Sequence 5, Application US/08440103
Patent No. 5670152
GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,103
FILING DATE: 12-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-440-103-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
DB 2 AACGGGCTGAGCTCGG 17

RESULT 225
US-08-440-542-5

Sequence 5, Application US/08440542
Patent No. 5670153

GENERAL INFORMATION:

APPLICANT: Weiner, Amy J.

APPLICANT: Houghton, Michael

TITLE OF INVENTION: Immunoreactive Polypeptide Compositions

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Chiron Corporation

STREET: 4560 Horton Street

CITY: Emeryville

STATE: CA

COUNTRY: USA

ZIP: 94608

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,542

FILING DATE: 12-MAY-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/231,368

FILING DATE:

APPLICATION NUMBER: US 07/759,575

FILING DATE: 13-SEP-1991

ATTORNEY/AGENT INFORMATION:

NAME: McClung, Barbara G.

REGISTRATION NUMBER: 33,113

REFERENCE/DOCKET NUMBER: 0205.001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 601-2708

TELEFAX: (510) 655-3542

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-440-542-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
DB 2 AACGGGCTGAGCTCGG 17

RESULT 226
US-08-299-498A-2

Sequence 2, Application US/08299498A
Patent No. 5688670

GENERAL INFORMATION:

APPLICANT: Szoestak, Jack W.

APPLICANT: Lorsch, Jon R.

APPLICANT: Wilson, Charles

TITLE OF INVENTION: NOVEL RIBOZYMS AND NOVEL RIBOZYME
TITL OF INVENTION: SELECTION SYSTEMS
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street

CITY: Boston

STATE: Massachusetts

COUNTRY: U.S.A.

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/299,498A

FILING DATE: 01-SEP-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/245001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-299-498A-2

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 749 ACATCAGCAGGATCCA 764
DB 1 ACATCAGCAGGATCCA 16

RESULT 227
US-08-231-368-5

Sequence 5, Application US/08231368

Patent No. 5756312

GENERAL INFORMATION:

APPLICANT: Weiner, Amy J.

APPLICANT: Houghton, Michael

TITLE OF INVENTION: Immunoreactive Polypeptide Compositions

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Chiron Corporation

STREET: 4560 Horton Street

CITY: Emeryville

STATE: CA

COUNTRY: USA

ZIP: 94608

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/231,368

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/759,575

FILING DATE: 13-SEP-1991

ATTORNEY/AGENT INFORMATION:

NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-231-368-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGCTGAGCAGG 796
DB 2 AACGGCTGAGCTCG 17

RESULT 228
US-08-440-210-5
Sequence 5, Application US/08440210
Patent No. 5766845
GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,210
FILING DATE: 12-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-440-210-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGCTGAGCAGG 796
DB 2 AACGGCTGAGCTCG 17

RESULT 229
US-08-482-882-112
Sequence 112, Application US/08482882
Patent No. 5773218
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,882
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5773218and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-882-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GCGTGTTCAGGCAT 956
DB 2 GCGAGTTTGAGGCTT 17

RESULT 230
US-08-483-389-112
; Sequence 112, Application US/08483389
; Patent No. 581517
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; TITLE OF INVENTION: ICAM-RELATED PROTEIN
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,389
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Suh, Young J.
; REGISTRATION NUMBER: P-41,337
; REFERENCE/DOCKET NUMBER: 27866/32760
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: (312) 474-6600
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-483-389-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGGTGTTGAAGCAT 956
DB 2 GGGAGTTTGAGGCTT 17

RESULT 231
US-08-487-113D-112
; Sequence 112, Application US/08487113D
; Patent No. 5837822
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael

; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,113D
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE: 05-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5837822and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32744
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-487-113D-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGGTGTTGAAGCAT 956
DB 2 GGGAGTTTGAGGCTT 17

RESULT 232
US-08-473-503-112
; Sequence 112, Application US/08473503
; Patent No. 5869282
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemay
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:

ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,503
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5869262and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
US-08-473-503-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGTGTGAGGCAT 956
DB 2 GCGAGTTGAGGCCT 17

RESULT 233
US-08-282-197C-40/c
Sequence 40, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brezinski, Ryszard
APPLICANT: Dery, Claude V
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Keesler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington

STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-40

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CAGGACCTGGGATTC 558
DB 18 CAGGACCTGGGCTTC 3

RESULT 234
US-08-483-932-112
Sequence 112, Application US/08483932
Patent No. 5880268
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,932
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5880268and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-483-932-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGTGTTCAGGCAT 956
DB 2 GCGAGTTTGAAGCTT 17

RESULT 235
US-08-974-565C-10
Sequence 10, Application US/08974565C
Patent No. 5932423
GENERAL INFORMATION:
APPLICANT: Au-Young, Janice
APPLICANT: Cocks, Benjamin G.
APPLICANT: Coleman, Roger
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Fisher, Douglas A.
TITLE OF INVENTION: CYCLIC NUCLEOTIDE PHOSPHODIESTERASES
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSER: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,565C
FILING DATE: Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/624,663
FILING DATE: March 25, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Murty, Lynn E.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PP-0057-1 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-08-974-565C-10

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGACATTCGACGAGT 761
DB 3 AGACATTCGACGAGT 18

RESULT 236
US-08-970-269A-10/C
Sequence 10, Application US/08970269A
Patent No. 5976803
GENERAL INFORMATION:
APPLICANT: Kathryn Meek
TITLE OF INVENTION: Genetic Test For Equine Severe
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Dr. Benjamin A. Adler
STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77071

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,269A
FILING DATE: No. 5976803ember 14, 1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5860
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bp
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
FEATURE:

US-08-970-269A-10
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCTTTCAGTCATGAA 290
DB 17 TCTTTCAGTCATGAA 2

RESULT 237
US-08-863-639A-15
Sequence 15, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.

APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muehl
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-15

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CAACAACAACAACACC 399
DB 2 CAACAACAACAACAAC 17

RESULT 238
US-08-863-639A-16
Sequence 16, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muehl
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-16

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CAACAACAACAACACC 399
DB 1 CAACAACAACAACAAC 16

RESULT 239
US-09-205-860-29/c
Sequence 29, Application US/09205860
Patent No. 5981732
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0031
CURRENT APPLICATION NUMBER: US/09/205,860
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-29

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1430 TCCTGCTGCTGCTGCC 1445
DB 17 TCCTGCTGCTGCTGCC 2

RESULT 240
US-08-720-420A-112
Sequence 112, Application US/08720420A
Patent No. 5989843
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemary
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS


```
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/720,420A
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-720-420A-112

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      941 GGGTTTGAAGGCT 956
Db      2 GGGAGTTTGAAGCTT 17

RESULT 241
US-09-256-496-86/c
Sequence 86, Application US/09256496
Patent No. 5598206
GENERAL INFORMATION:
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
FILE REFERENCE: RTS-0056
CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 86
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-86

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      531 CCTGAAGCATCATG 546
Db      18 CCTGAAGCATCATG 3

RESULT 242
US-08-714-017-112
Sequence 112, Application US/08714017
Patent No. 6040176
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Garstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,017
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 6040176and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-714-017-112

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      941 GGGTTTGAAGGCT 956
Db      2 GGGAGTTTGAAGCTT 17
```

RESULT 243
US-09-339-775-18/c
Sequence 18, Application US/09339775
Patent No. 6063626
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
FILE REFERENCE: RTS-0069
CURRENT APPLICATION NUMBER: US/09/339,775
CURRENT FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-18

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 CAGGATGGACAAAC 1277
DB 18 CAGGATGGACAAAC 3

RESULT 244
US-09-199-859-27/c
Sequence 27, Application US/09199859
Patent No. 6069008
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0025
CURRENT APPLICATION NUMBER: US/09/199,859
CURRENT FILING DATE: 1998-11-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-199-859-27

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 218 GCCTGCTTCAACAT 233
DB 16 GCCTGCTTCTCAT 1

RESULT 245
US-08-867-381A-7/c
Sequence 7, Application US/0867381A
Patent No. 6075123
GENERAL INFORMATION:
APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent J.
TITLE OF INVENTION: CYCLIN-C VARIANT AND DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th

STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,381A
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-001 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-1"
HYPOTHETICAL: NO
US-08-867-381A-7

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 TGGGTCCTGCTGG 1441
DB 17 TGCATCTTCTCTGG 2

RESULT 246
US-09-143-212-22/c
Sequence 22, Application US/09143212B
Patent No. 607672
GENERAL INFORMATION:
APPLICANT: Brett P. Monia and Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAPD EXPRESSION
FILE REFERENCE: RTS-0005
CURRENT APPLICATION NUMBER: US/09/143,212B
CURRENT FILING DATE: 1998-08-28
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-22

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1315 TTGGCAGAGCGGG 1330
DB 18 TTGGCAGAGCGGG 3

RESULT 247
US-08-833-167-5
Sequence 5, Application US/08833167
Patent No. 6100070

GENERAL INFORMATION:
APPLICANT: ZURELOH, LINDA L
APPLICANT: MCWERTER, CHARLES A
APPLICANT: MCKEARN, JOHN P
APPLICANT: KLEIN, BARBARA K
APPLICANT: PENG, YIQING
APPLICANT: BRAFFORD-GOLDBERG, SARAH R
APPLICANT: LEE, STEPHEN C
TITLE OF INVENTION: G-CSF RECEPTOR AGONISTS
NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:
ADDRESSEE: DENNIS A BENNETT, G.D. SEARLE & CO.,
ADDRESSES: CORPORATE PATENT DEPT.,
STREET: P.O. BOX 5110
CITY: CHICAGO
STATE: ILLINOIS
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,167
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US 96/15935
FILING DATE: 04-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/004,382
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: BENNETT, DENNIS A
REFERENCE/DOCKET NUMBER: 2907/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-694-5402
TELEFAX: 314-694-9095
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA (synthetic)"
US-08-833-167-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 GGGCTGCGCAGGCTTG 799
DB 1 GGGCTGCGCAGGCTTG 16

RESULT 248
US-08-475-680-112
Sequence 112, Application US/08475680
Patent No. 6100383
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA

ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,680
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: NO. 6100383and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-475-680-112

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 941 GGGCTTTGAAGGCTT 956
DB 2 GGGAGTTTGAAGGCTT 17

RESULT 249
US-09-280-409-113/c
Sequence 113, Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cornett
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 113
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-113

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1143 GACTGACCTGACACCT 1158
DB 17 GACTGCCCTGCTCCCT 2

RESULT 250
US-09-193-377B-28/c
; Sequence 28, Application US/09193377B

; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULIN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira moscovicensis
US-09-193-377B-28

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GTCCATCTACCCACC 1017
DB 17 GTCCATCTTCCCTCCC 2

RESULT 251
US-09-268-140-16/c
; Sequence 16, Application US/09268140
; Patent No. 6268176
; GENERAL INFORMATION:
; APPLICANT: Gemmill, Robert M.
; APPLICANT: Drabkin, Harry A.
; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
; FILE REFERENCE: 93445-00004
; CURRENT APPLICATION NUMBER: US/09/268,140
; CURRENT FILING DATE: 2000-03-12
; PRIOR APPLICATION NUMBER: US 60/077,723
; PRIOR FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-268-140-16

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 TGTTCCTCTCCCATCC 1103
DB 17 TCTTCTCTCCCTCC 2

RESULT 252
US-09-407-562-10/c
; Sequence 10, Application US/09407562

; Patent No. 6294334
; GENERAL INFORMATION:
; APPLICANT: Kathryn Meek
; TITLE OF INVENTION: Genetic Test For Equine Severe
; TITLE OF INVENTION: Combined Immunodeficiency Disease
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dr. Benjamin A. Adler
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/407,562
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/970,269
FILING DATE: No. 6294334ember 14, 1997

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5860
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:

LENGTH: 18 bp
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
FEATURE:

US-09-407-562-10

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 275 TCTTGACGTGATGAA 290
DB 17 TCTTGACGTGATGAA 2

RESULT 253
US-09-046-604-5
; Sequence 5, Application US/0904604
; Patent No. 6303292
; GENERAL INFORMATION:
; APPLICANT: Weiner, Amy J.
; APPLICANT: Houghton, Michael
; TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,604
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-046-604-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
DB 2 AACGGGCTGAGCTCGG 17

RESULT 254
US-09-521-144-7/c
Sequence 7, Application US/09521144
Patent No. 6306648
GENERAL INFORMATION:
APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent J.
TITLE OF INVENTION: CYCLIN-C VARIANT AND DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/521,144
FILING DATE: 08-MAR-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/667,381
FILING DATE: 02-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-001 N
TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-1"
HYPOTHETICAL: NO
US-09-521-144-7

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 TGCCTCTGCTGCTGG 1441
DB 17 TGCATCTCTGCTGG 2

RESULT 255
US-08-584-040-4495
Sequence 4495, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4495:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4495

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

1544 AATCCCTGATGACATC 1559
1 AATCCAGAGACAC 16

RESULT 256
US-08-679-645-591
Sequence 591, Application US/08679645
Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 591:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-591

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

438 CTCGAGTCCGACGCG 453
1:|||||

Db 2 CUACGAGUCCGACGCG 17

RESULT 257
US-09-344-837A-5
Sequence 5, Application US/09344837A
Patent No. 6358505

GENERAL INFORMATION:

APPLICANT: ZURELUD, LINDA L.
APPLICANT: MCHESTER, CHARLES A.
APPLICANT: MCKEARN, JOHN P.
APPLICANT: KLEIN, BARBARA K.
APPLICANT: FENG, YIONG
APPLICANT: BRAFORD-GOLDBERG, SARAH R.
APPLICANT: LEE, STEPHEN C.
TITLE OF INVENTION: G-CSF RECEPTOR AGONISTS
NUMBER OF SEQUENCES: 129
CORRESPONDENCE ADDRESS:
ADDRESSEE: S. CHRISTOPHER BAUER
ADDRESSEE: MONSANTO/G. D. SEARLE & CO.,
ADDRESSEE: PATENT DEPARTMENT CENTRAL
STREET: P.O. BOX 5110
CITY: CHICAGO
STATE: ILLINOIS
COUNTRY: USA
ZIP: 60680

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/344,837A
FILING DATE: 25-JUN-1999
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US 96/15935
FILING DATE: 04-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/004,382
FILING DATE: 05-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: S. CHRISTOPHER BAUER
REFERENCE/DOCKET NUMBER: 2907/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 636-737-6257
TELEFAX: 636-737-5452
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA (synthetic)"
US-09-344-837A-5

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

784 GGGCTGAGCAGGTTG 799
1 GGGCTGCGCAGGTG 16

RESULT 258

US-09-167-109-11/C
Sequence 11, Application US/09167109
Patent No. 6399297

GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowbert, Lex M.

APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-167-109-11

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1566 CAAGGCTCTGTCGCTG 1581
Db 18 CCAAGGCTCTGTCGCTG 3

RESULT 259
US-09-280-030-17
Sequence 17, Application US/09280030A
Patent No. 6506595
GENERAL INFORMATION:
APPLICANT: Sato, Sei-ji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kondo, Masaaki
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
TITLE OF INVENTION: DNAS
FILE REFERENCE: 382.1026
CURRENT APPLICATION NUMBER: US/09/280,030A
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: JP10-87339/1998
EARLIER FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designated is
OTHER INFORMATION: a reverse primer for PCR amplification of
OTHER INFORMATION: MWPSP-MWMPml DNA
US-09-280-030-17

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1486 TTTTGAGTAGTAGTA 1501
Db 1 TTTTGAGCTGTAGTA 16

RESULT 260
US-09-789-556A-40
Sequence 40, Application US/09789556A
Patent No. 6534269
GENERAL INFORMATION:
APPLICANT: City of Hope
APPLICANT: Liu, Qiang
APPLICANT: Sommer, Steve S.
TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP): Application to
TITLE OF INVENTION: Specific Amplification and Nucleic Acid Sequence Determination
Patent No. 6534269

FILE REFERENCE: 1954-328-11
CURRENT APPLICATION NUMBER: US/09/789,556A
CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: US 60/237,180
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: US 60/187,035
PRIOR FILING DATE: 2000-03-06
PRIOR APPLICATION NUMBER: US 60/184,315
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.0
SEQ ID NO 40
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
NAME/KEY: misc feature
LOCATION: (18)-(18)
OTHER INFORMATION: dideoxynucleotide
US-09-789-556A-40

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 244 ATCCCTATCCCTCTCT 259
Db 1 ACCCTATCCCTCTCT 16

RESULT 261
US-09-422-978-7287
Sequence 7287, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7287
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-3468 for SEQ 3353,
US-09-422-978-7287

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1463 GAGCCCAAGGAAGT 1478
Db 1 GTAGCCCAAGGAAG 16

RESULT 262
US-09-422-978-7414/C
Sequence 7414, Application US/09422978
Patent No. 6537751

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7414
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4358 for SEQ 3480,
US-09-422-978-7414
```

```

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1227 GAAACTGCAGCTGAGC 1242
Db      18 GAAACTGCAGCTGAGC 3
```

```

RESULT 263
US-09-422-978-8173/C
; Sequence 8173, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8173
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-14145 for SEQ 308, in compleme
US-09-422-978-8173
```

```

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      649 TACTTTCGAGCATGT 664
Db      16 TCCTTTCGAGCATGT 1

RESULT 264
```

```

US-09-422-978-10573/C
; Sequence 10573, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10573
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15000 for SEQ 2708, in comple
US-09-422-978-10573
```

```

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1493 GTAGTACTGTAAGGCG 1508
Db      17 GTAGTACTGTAAGGCG 2
```

```

RESULT 265
US-09-434-354-19
; Sequence 19, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Cleverger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Fritzerl, Luciano G.
; APPLICANT: Velicelabi, Gonul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; EARLIER FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PaacSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequencing primer
US-09-434-354-19
```

```

Query Match      0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      669 CTTCAAGACAGCTTC 684
Db      2 CTTCAAGACAGATTC 17
```



```
RESULT 266
US-09-371-772B-2208
; Sequence 2208, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavesio, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIORITY FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIORITY FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIORITY FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2208
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2208

Query Match
Best Local Similarity 75.0%; Score 12.8; DB 1; Length 18;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1544 AATCCGATGATGACATC 1559
DB 1 AAUCCAGAUAGACAC 16

RESULT 267
US-09-533-494A-14
; Sequence 14, Application US/09533494A
; Patent No. 6586581
; GENERAL INFORMATION:
; APPLICANT: Bancroft, F. Carter
; APPLICANT: Piles, Maikiko
; APPLICANT: Taylor Clelland, Catherine L.
; TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
; FILE REFERENCE: AP31818 070165, 0497
; CURRENT APPLICATION NUMBER: US/09/533,494A
; PRIORITY FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-533-494A-14

Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 490 GTCTGGGTGCGCGCG 505
DB 3 GTCCTGGGTGCGCGCG 18

RESULT 268
US-09-533-494A-27
; Sequence 27, Application US/09533494A
; Patent No. 6586581
; GENERAL INFORMATION:
; APPLICANT: Bancroft, F. Carter
```

```
; APPLICANT: Piles, Maikiko
; APPLICANT: Taylor Clelland, Catherine L.
; TITLE OF INVENTION: PROLACTIN REGULATORY ELEMENT BINDING
; FILE REFERENCE: AP31818 070165, 0497
; CURRENT APPLICATION NUMBER: US/09/533,494A
; PRIORITY FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-533-494A-27
```

```
Query Match
Best Local Similarity 87.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 490 GTCTGGGTGCGCGCG 505
DB 3 GTCCTGGGTGCGCGCG 18
```

```
RESULT 269
PCT-US95-10813-2
; Sequence 2, Application PC/TUS9510813
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Lorsch, Jon R.
; APPLICANT: Wilson, Charles
; TITLE OF INVENTION: NOVEL RIBOZYMES AND NOVEL RIBOZYME
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: . PCT/US95/10813
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,498
; FILING DATE: 01-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/245001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US95-10813-2

Query Match
Best Local Similarity 75.0%; Score 12.8; DB 1; Length 18;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

QY 749 ACATCAGCATGCA 764
Db 1 AGGCGAAGAAGUCCA 16

RESULT 270
5182262-2

Patent No. 5182262
APPLICANT: LETO, THOMAS
TITLE OF INVENTION: CALMODULIN BINDING PEPTIDE DERIVATIVES
OF NON-ERYTHROID ALPHA SPECTRIN
NUMBER OF SEQUENCES: 15
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/318,172
FILING DATE: 02-MAR-1989
SEQ ID NO: 2
LENGTH: 18

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1522 GAGGCGATTCAGGCTT 1537
Db 1 GAGGCGCTTCAGGCTT 16

RESULT 271

US-08-182-968A-364/C
Sequence 364, Application US/08182968A
Patent No. 5610054

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-182-968A-364

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGAGG 1342
Db 15 GGCCAGAGAGGAGG 2

RESULT 272

US-08-291-932A-105
Sequence 105, Application US/08291932A
Patent No. 5658780

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NR-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-291-932A-105

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.5e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCAGG-1570
Db 1 AUCAGCUCUAGG 14

RESULT 273
US-08-363-240A-142/C
Sequence 142, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwigen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
PROGRESSION AND REGRESSION
OF VASCULAR DISEASES
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08363,240A
FILING DATE: December 23, 1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-142

Query Match 0.9% Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1370 TGGGTTCGAGCC 1383
Db 15 TGGGTTCGAGCC 2

RESULT 274
US-08-311-486C-212
Sequence 212, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 212:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-212

Query Match 0.9% Score 12.4; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1480 TATTATTTCGAG 1493
Db 1 UAUUUAUUGCGAG 14

RESULT 275
US-08-292-620A-351/C
Sequence 351, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below: two
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 351:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-351
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1287 TGAGCCTGTGTC 1300
DB 14 TGAGCCTATGTC 1
RESULT 276
US-08-774-306A-364/C
Sequence 364, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968

FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-364
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1329 GGCCTATGAGCGG 1342
DB 15 GGCCTATGAGCGG 2
RESULT 277
US-09-064-156A-364/C
Sequence 364, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-364

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCCATGAGGCGG 1342
DB 15 GGCCAGAGGCGG 2

RESULT 278

US-09-071-845-351/c

Sequence 351, Application US/09071845

Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwigen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071.845

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292.620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008.895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989.849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 351:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-071-845-351

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTGTGTC 1300
DB 14 TGAGCTGTGTC 1

RESULT 279

US-09-081-646-509/c

Sequence 509, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth

APPLICANT: Vogelstein, Bert

APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei

TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells

FILE REFERENCE: 01107.74664

CURRENT APPLICATION NUMBER: US/09/081.646

CURRENT FILING DATE: 1998-05-20

EARLIER APPLICATION NUMBER: 60/047.352

EARLIER FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 509

LENGTH: 15

TYPE: DNA

ORGANISM: Homo sapiens

US-09-081-646-509

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 650 ACTTCCAGGATG 663
DB 14 ACTTCCAGGATG 1

RESULT 280

US-08-435-350-79/c

Sequence 79, Application US/08435350

Patent No. 559704

GENERAL INFORMATION:

APPLICANT: James D. Thompson

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: TREATMENT OF BREAST CANCER

NUMBER OF SEQUENCES: 118

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 611 West Sixth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90017

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)

SOFTWARE: WordPerfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435.350

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/936.531

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 197/245

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-350-79

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1554 GACATCAGCTCCCA 1567
DB 15 GTCATCAGCTCCCA 2

RESULT 281
US-08-770-235A-40
Sequence 40, Application US/0870235A
Patent No. 5939538
GENERAL INFORMATION:
APPLICANT: Leavitt, Markley C.
APPLICANT: Tietz, Richard
APPLICANT: Feng, Yu
APPLICANT: Barber, Jack
APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,235A
FILING DATE: 19-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,875
FILING DATE: 25-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: QUINE, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 016556-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: RNA
US-08-770-235A-40

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 57.1%; Pred. No. 1.9e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 485 TCCTGCTTGGGT 498
DB 1 UCCUGGCAUGGU 14

RESULT 282
US-09-509-565-35
Sequence 35, Application US/09509565
Patent No. 6393340
GENERAL INFORMATION:
APPLICANT: SAITO, YOSHIMASA
APPLICANT: NOGUCHI, YUJI
APPLICANT: YOSHIKAWA, KOJI
APPLICANT: SOEDA, SHINSUKE
TITLE OF INVENTION: PLASMID VECTORS
FILE REFERENCE: 0018-1105-0PCT
CURRENT APPLICATION NUMBER: US/09/509,565
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: PCT/JP9804611
PRIOR FILING DATE: 1998-10-13
PRIOR APPLICATION NUMBER: JP9/303395
PRIOR FILING DATE: 1997-10-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.0
SEQ ID NO 35
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-509-565-35

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 449 ACGGCTCGGAGGC 462
DB 3 ACGGCTCGGAGGC 16

RESULT 283
US-09-371-772B-5652
Sequence 5652, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5652
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5652

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 327 GCGGAGCGCGGC 340
 DB 3 GCGGAGCGCGGC 16

RESULT 284

US-08-196-218-14
 ; Sequence 14, Application US/08196218
 ; Patent No. 5614619
 ; GENERAL INFORMATION:

APPLICANT: Piepersberg, Wolfgang
 APPLICANT: Stockmann, Michael
 APPLICANT: Taleghani, Kampliz Mansouri
 APPLICANT: Diestler, Jurgen
 APPLICANT: Grabley, Susanne
 APPLICANT: Sichel, Petra
 APPLICANT: Brau, Barbara
 TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
 TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
 TITLE OF INVENTION: Use.
 NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:

ADDRESSER: Pinnegan, Henderson, Farabow, Garrett &

ATTORNEY/AGENT INFORMATION:

NAME: Ogden, Scasia L.

REGISTRATION NUMBER: 36,228

REFERENCE/DOCKET NUMBER: 02481.1372-00000

TELEPHONE: 202-408-4400

TELEFAX: 202-408-4000

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-196-218-15

Query Match

Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGGACATC 1191

DB 4 TGTTCTGGACATC 17

RESULT 285

US-08-196-218-15/c

; Sequence 15, Application US/08196218

; Patent No. 5614619

; GENERAL INFORMATION:

APPLICANT: Piepersberg, Wolfgang

APPLICANT: Stockmann, Michael

APPLICANT: Taleghani, Kampliz Mansouri

APPLICANT: Diestler, Jurgen

APPLICANT: Grabley, Susanne

APPLICANT: Sichel, Petra

APPLICANT: Brau, Barbara

APPLICANT: Piepersberg, Wolfgang

APPLICANT: Stockmann, Michael

APPLICANT: Taleghani, Kampliz Mansouri

APPLICANT: Diestler, Jurgen

APPLICANT: Grabley, Susanne

APPLICANT: Sichel, Petra

APPLICANT: Brau, Barbara

APPLICANT: Piepersberg, Wolfgang

APPLICANT: Stockmann, Michael

APPLICANT: Taleghani, Kampliz Mansouri

APPLICANT: Diestler, Jurgen

APPLICANT: Grabley, Susanne

APPLICANT: Sichel, Petra

APPLICANT: Brau, Barbara

APPLICANT: Piepersberg, Wolfgang

APPLICANT: Stockmann, Michael

APPLICANT: Taleghani, Kampliz Mansouri

APPLICANT: Diestler, Jurgen

APPLICANT: Sichel, Petra
 APPLICANT: Brau, Barbara
 TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
 TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
 TITLE OF INVENTION: Use.
 NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 ADDRESSER: Pinnegan, Henderson, Farabow, Garrett &
 ATTORNEY/AGENT INFORMATION:
 NAME: Ogden, Scasia L.
 REGISTRATION NUMBER: 36,228
 REFERENCE/DOCKET NUMBER: 02481.1372-00000
 TELEPHONE: 202-408-4400
 TELEFAX: 202-408-4000
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-196-218-15

Query Match

Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGGACATC 1191

DB 14 TGTTCTGGACATC 1

RESULT 286

US-08-373-124A-1559/c

; Sequence 1559, Application US/08373124A

; Patent No. 5646042

; GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwigen, James

APPLICANT: Jarvis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

APPLICANT: Davis, Thale

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2563:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2563

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TGCTGAGTTCTA 893
DB 15 TAGCTGAGTTCTA 2

RESULT 289
US-08-681-953-14
Sequence 14, Application US/08681953
Patent No. 5710032
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kamalz Mansouri
APPLICANT: Dietler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Stichel, Petra
APPLICANT: Brau, Barbara
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Parabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-681-953-14

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGAGCATC 1191
DB 4 TGTTCTGAGCATC 17

RESULT 290
US-08-681-953-15/c
Sequence 15, Application US/08681953
Patent No. 5710032
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kamalz Mansouri
APPLICANT: Dietler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Stichel, Petra
APPLICANT: Brau, Barbara
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Parabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-681-953-15

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCTGAGCATC 1191
DB 14 TGTTCTGAGCATC 1

RESULT 291
US-08-758-306-395
Sequence 395, Application US/08758306

Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 395:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-395

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTGACCCAC 563
DB 2 UUGGCAUUCGCCAC 15

RESULT 292
US-08-758-306-397
Sequence 397, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ. ID NO: 397:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-397

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 550 TTGGCATTGACCCAC 563
DB 1 UUGGCAUUCGCCAC 14

RESULT 293
US-08-758-306-477
Sequence 477, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 477:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-477

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1003 TCCATCTACCCACC 1016
DB 4 UCCATCTACCCACC 17

RESULT 294
US-08-758-306-613
Sequence 613, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-613

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTCTACAGCCC 899
DB 4 GACUUCUACAGCCC 17

RESULT 295
US-08-758-306-615
Sequence 615, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 615:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-615

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 886 GAGTCTACAGCCC 899
DB 2 GACUUCUACAGCCC 15

RESULT 296
US-08-435-628-1559/c
Sequence 1559, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1559:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1559

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 880 TCGCTGAGTCTA 893
Db 15 TAGCTGAGTCTA 2

RESULT 297
US-08-435-628-2091
Sequence 2091, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2091:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2091

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.2e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Oy 1304 CGCTGCTCTGTTT 1317
Db 2 CGCTGCTCTGTTT 15

RESULT 298
US-08-435-628-2563/c
Sequence 2563, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
CLASSIFICATION: 514
FILING DATE: 05-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2563:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2563

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TGGCTGAGTCTA 893
| | | | | | | | | | | | | | | | | | | | |
Db 15 TACCTGAGTCTA 2

RESULT 299
US-08-988-706-54
Sequence 54, Application US/08988706
Patent No. 6083598
GENERAL INFORMATION:
APPLICANT: OLSEN, Sheri J.
APPLICANT: ANGELLY, Tracy S.
APPLICANT: LAWRENCE, Tammy
APPLICANT: LESCALETT, Jennifer L.
APPLICANT: MURPHY, Patricia D.
APPLICANT: ALLEN, Antoinette P.
APPLICANT: THRUBER, Denise B.
APPLICANT: WHITE, Marga B.
APPLICANT: ZENG, Bin
APPLICANT: SADZEWICZ, Lisa K.
TITLE OF INVENTION: CANCER SUSCEPTIBILITY MUTATIONS OF BRCA1
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:

ADDRESSER: Oncormed, Inc.
STREET: 205 Perry Parkway
CITY: Galtiersburg
STATE: MD
COUNTRY: USA
ZIP: 20877
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,706
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: TARCA, John E.
REGISTRATION NUMBER: 33,638
REFERENCE/DOCKET NUMBER: PA-0108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-208-1888
TELEFAX: 301-926-6125
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PROBE"
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: Internal
ORIGINAL SOURCE:
ORGANISM: HOMO SAPIENS
STRAIN: BRCA1
US-08-988-706-54

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 775 AAGTGAACGGGCT 788
| | | | | | | | | | | | | | | | | | | | |
Db 1 AAGAGAACGGGCT 14

RESULT 300
US-08-584-040-2118/c
Sequence 2118, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2118:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2118

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1548 CCGATGACATCAG 1561
Db 15 CCGCTGACATCAG 2

RESULT 301
US-08-584-040-4003/C
Sequence 4003, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISRASES OR
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4003:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4003

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 235 TCGAAGAGATCCC 248
Db 17 TCGAAGAGATCAC 4

RESULT 302
US-09-474-432B-786/C
Sequence 786, Application US/0947432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Belgelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpelshy, Alex
APPLICANT: Adams, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
FILE REFERENCE: MBH800-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
PRIOR FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 786
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-786

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1554 GACATCAGCTCCCA 1567
Db 17 GTCATCAGCTCCCA 4

RESULT 303
US-09-371-772B-663/C
Sequence 663, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 663
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-663
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1548 CCTGATGACATCAG 1561
DB      15   CCTGCTGACATCAG 2
```

```

RESULT 304
US-09-371-772B-1770/C
; Sequence 1770, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MGSWIGGEN, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1770
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1770
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      235 TCGAAGGAGATCCC 248
DB      17   TCGAAGGAGATCAG 4
```

```

RESULT 305
US-09-371-772B-4983/C
; Sequence 4983, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MGSWIGGEN, Jim
; APPLICANT: Stinchcomb, Dan
```

```

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4983
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4983
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1548 CCTGATGACATCAG 1561
DB      14   CCTGCTGACATCAG 1
```

```

RESULT 306
US-09-371-772B-6425/C
; Sequence 6425, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MGSWIGGEN, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6425
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6425
```

```

Query Match          0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      231 CATGTGAAGAGAGA 244
DB      14   CACGTGAAGAGAGA 1
```

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RESULT 307
US-09-371-772B-6851
; Sequence 6851, Application US/09371772B
; Patent No. 6566137
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MGSWIGGEN, Jim
; APPLICANT: Stinchcomb, Dan
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6851
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6851

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1544 AATCCCTGATGACA 1557
DB 4 AAUCCAGAGACA 17

RESULT 308
US-09-371-772B-6852
Sequence 6852, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: MCSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6852
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6852

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 1544 AATCCCTGATGACA 1557
DB 3 AAUCCAGAGACA 16

RESULT 309
PCT-US92-06821A-26/c
Sequence 26, Application PC/TUS9206821A
GENERAL INFORMATION:
APPLICANT: Shah, Uytobana S.
APPLICANT: Nietupski, Raymond M.
APPLICANT: Liu, Jing
TITLE OF INVENTION: Oligonucleotides Complementary to
TITLE OF INVENTION: Mycobacterial Nucleic Acids
NUMBER OF SEQUENCES: 133
CORRESPONDENCE ADDRESS:

ADDRESSEE: Amoco Corporation
STREET: 200 East Randolph Drive, P.O. Box 87703
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06821A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/744,282
FILING DATE: 13-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Galloway, Norval B.
REGISTRATION NUMBER: 33,595
REFERENCE/DOCKET NUMBER: CN 5851
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-856-7180
TELEFAX: 312-856-4972
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
PCT-US92-06821A-26

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1041 GGAGCTGGAATTC 1054
DB 17 GGAGCTGGAATTC 4

RESULT 310
US-08-033-072-3
Sequence 3, Application US/08033072
Patent No. 5314809
GENERAL INFORMATION:
APPLICANT: Henry A. Erlich
APPLICANT: Russell G. Higuchi
TITLE OF INVENTION: Improved Methods for Nucleic Acid
TITLE OF INVENTION: Amplification
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/033,072
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/718,576
ATTORNEY/AGENT INFORMATION:
NAME: Stacey R. Siab, Ph.D.
REGISTRATION NUMBER: 32,630

REFERENCE/DOCKET NUMBER: 2607
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3197
TELEFAX: (415) 658-5239
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
US-08-033-072-3

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCCTGTCATCTGCC 1456
DB 1 GGTCCCTGTCATCTATGTC 17

RESULT 311
US-07-752-101A-24
Sequence 24, Application US/07752101A
Patent No. 5326857
GENERAL INFORMATION:
APPLICANT: Yamamoto, Rumi-ichiro
APPLICANT: White, Thayer
APPLICANT: Hakomori, Sen-itchiro
APPLICANT: Clausen, Henrik
TITLE OF INVENTION: ABO GENOTYPING
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: U.S.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07752.101A
FILING DATE: 19910829
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sharkey, Richard G.
REGISTRATION NUMBER: 32,629
REFERENCE/DOCKET NUMBER: 150036.406C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-682-4900
TELEFAX: 206-682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
US-07-752-101A-24

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1212 CATGAAGCTCTGTGA 1228
DB 1 CCTGAAGCTCTGTGA 17

RESULT 312
US-08-379-081B-176
Sequence 176, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379.081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to tRNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Blastomyces dermatitidis
IMMEDIATE SOURCE:
CLONE: BLODA
US-08-379-081B-176

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
DB 1 TCCTGGGAGAGCCCATG 17

RESULT 313
US-08-379-081B-193
Sequence 193, Application US/08379081B
Patent No. 5580971
GENERAL INFORMATION:
APPLICANT: MITSUHASHI, MASATO
TITLE OF INVENTION: FUNGAL DETECTION SYSTEM
NUMBER OF SEQUENCES: 407
CORRESPONDENCE ADDRESS:
ADDRESSER: KNOBB, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH
STATE: CA

COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,081B
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: ALTMAN, DANIEL E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Avian influenza
IMMEDIATE SOURCE:
CLONE: FLAHA5
US-08-379-081B-193

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1199 TCACGGGAATCCCATG 1215
DB 1 TCCTGGGAACCCCATG 17

RESULT 314
US-08-390-850-525/c
Sequence 525, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: NO. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 525:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-525

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 AGATCTGAAGGCGAG 315
DB 17 AGATCTGAAGGCGAG 1

RESULT 315
US-08-379-078-176
Sequence 176, Application US/08379078
Patent No. 5639612
GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to rRNA

HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Blastomyces dermatitidis
IMMEDIATE SOURCE:
CLONE: BLODA
US-08-379-078-176

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCATG 1215
Db 1 TCCTGGGAAGCCCATG 17

RESULT 316
US-08-379-078-193
Sequence 193, Application US/08379078
Patent No. 5639612

GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502

INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULAR TYPE: cDNA to RNA

HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Avian Influenza
IMMEDIATE SOURCE:
CLONE: FLA95

US-08-379-078-193

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCATG 1215
Db 1 TCCTGGGAAGCCCATG 17

Db 1 TCCTGGGAAGCCCATG 17

RESULT 317
US-08-373-124A-1393
Sequence 1393, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Harburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1393:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1393

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 652 TTTCAGGAGATGTTCC 668
Db 1 UCUCAGGAGGACGUC 17

RESULT 318
US-08-373-124A-1417/C
Sequence 1417, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1417

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 GGCTGAGCAAGTTGAC 801
DB 17 GGCTGAGGAGCGTTGAC 1

RESULT 319
US-08-373-124A-1583
Sequence 1583, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Scinichcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1583:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1583

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAACTCA 541
DB 1 CAUGCCCTUGACGACUCA 17

RESULT 320
US-08-373-124A-1687/C
Sequence 1687, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Scinichcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1687:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1687

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CCTGCTCTTGGGTGGCG 502
DB 17 CCTGTTCTTAGTACGG 1

RESULT 321
US-08-373-124A-1979
Sequence 1979, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1979:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1979

Query Match
Best Local Similarity 58.8%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGATCATGTGGGCTA 617
DB 1 GAGCUCATUUGUGGCUA 17

RESULT 322
US-08-435-634-525/c
Sequence 525, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 525:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-525

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 299 AGATCTGAGGCGCAG 315
DB 17 AGATCTGAGGCGCAG 1

RESULT 323
US-08-758-306-591
Sequence 591, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 591:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-591

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 1295 TGATCTCCCTGCTC 1311
DB 1 UAGUCUCUACAGUCUC 17

RESULT 324
US-08-758-306-595
Sequence 595, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 595:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-595

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 609 GTGGGCTACAGAGACC 625
DB 1 GUGAGCUCUACAGUCUC 17

RESULT 325
US-08-758-306-919/c
Sequence 919, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 919:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-919

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1523 AGGCATTCAGGCCTAT 1539
DB 17 AGGCCAGTAGGCCTAT 1

RESULT 326
US-08-758-306-921/c
Sequence 921. Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 921:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-921

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 GAGGCATTCAGGCCTA 1538
DB 17 GAGGCCAGTAGGCCTA 1

RESULT 327
US-08-435-628-1393
Sequence 1393. Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1393:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1393

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 652 TTTCGAGCAGTGTCCC 668
:|||||:|||||
Db 1 UUCGAGCAGCAGUCC 17

RESULT 328
US-08-435-628-1417/c
Sequence 1417, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1417

FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1417:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1417

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 785 GGCTGAGCAGCTTGAC 801
|||||:|||||
Db 17 GGCTGAGCAGCTTGAC 1

RESULT 329
US-08-435-628-1583
Sequence 1583, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1583:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1583

Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.74; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

CY 525 CATGACCCGACTCA 541
DB 1 CAGGCCCTGACCTCA 17

RESULT 330
US-08-435-628-1687/C
Sequence 1687, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1687:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1687

Query Match 0.94; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.44; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 486 CCGTCTTGGTGGCG 502
DB 17 CCGTCTTGGTGGCG 1

RESULT 331
US-08-435-628-1979
Sequence 1979, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1979:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1979

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGTCATGTGGGGCTA 617
DB 1 GAGCCUACUUGGGGCUA 17

RESULT 332
US-08-132-990A-17/c
; Sequence 17, Application US/08132990A
; Patent No. 5834589
; GENERAL INFORMATION:
; APPLICANT: MERUELO, DANIEL
; APPLICANT: YOSHIMOTO, TAKAYUKI
; TITLE OF INVENTION: Human Retrovirus Receptor and DNA Coding Therefor
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Penmie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/132,990A
; FILING DATE: 07-OCT-1993
; APPLICATION NUMBER: 08/084,729
; FILING DATE: 29-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05569
; FILING DATE: 11-JUN-1993
; APPLICATION NUMBER: 07/899,075
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/806,178
; FILING DATE: 13-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/627,950
; FILING DATE: 14-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Marrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 8105-004-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66441 PENNTE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-132-990A-17

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 TTGAAGGCTCCGCCACC 963
DB 17 TTGACTGCATCGCCACC 1

RESULT 333
US-08-292-620A-1999
; Sequence 1999, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1999:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1999

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

two

QY 1402 CAGTACGTCCTCTGGC 1418
DB 1 CAGUACUUCGCCCGACC 17

RESULT 334
US-08-227-180B-22
; Sequence 22, Application US/08227180B
; Patent No. 5866698
; GENERAL INFORMATION:

APPLICANT: Ecker et al.
TITLE OF INVENTION: Modulation of Gene Expression
TITLE OF INVENTION: Through Interference with RNA Secondary Structure
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,180B
FILING DATE: April 13, 1994
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/518,929
FILING DATE: May 4, 1990
APPLICATION NUMBER: PCT/US91/02588
FILING DATE: April 15, 1991
APPLICATION NUMBER: 07/801,168
FILING DATE: No. 586699ember 20, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SIS-1420
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-227-180B-22

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 TGACTGGCTGCACCT 1158
DB 1 TGCTGGCTGTACCGT 17

RESULT 335
US-08-912-129A-44
Sequence 44, Application US/08912129A
Patent No. 5922533
GENERAL INFORMATION:
APPLICANT: VALLARI, ANADRUZELA S.
APPLICANT: HACKERT, JOHN JR.
APPLICANT: HICKMAN, ROBERT K.
APPLICANT: VARITEK, VINCENT A. JR.
APPLICANT: NECKLAW, ELIZABETH A.
APPLICANT: GOLDEN, ALAN M.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: DEVAR, SUSHIL G.
TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSER: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA

ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Danckert, Andreas M.
REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 6109.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
INDEX:
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-129A-44

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 359 CCAGGCACAAAGCAAC 375
DB 1 CCAGGCACAGCAGAAC 17

RESULT 336
US-07-695-201B-14
Sequence 14, Application US/07695201B
Patent No. 5994056
GENERAL INFORMATION:
APPLICANT: Hignuchi, Russell H.
TITLE OF INVENTION: Homogeneous Methods for Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,201B
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Slas, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 2599
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 420-3197
TELEFAX: (415) 658-5239
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-695-201B-14

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1440 GGTCCCTGTCATCTGCC 1456
|||||
Db 1 GGTCCCTGTCATCTATCTC 17

RESULT 337
US-08-826-532-6/c
Sequence 6, Application US/08826532B
Patent No. 6027923
GENERAL INFORMATION:
APPLICANT: Wallace, Robert B.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-102P
CURRENT APPLICATION NUMBER: US/08/826,532B
EARLIER FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)
OTHER INFORMATION: "non-replicable element"-atag
US-08-826-532-6

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1001 GGTGATCTACCCACC 1017
|||||
Db 17 GGTCTATTTCACACC 1

RESULT 338
US-08-985-162-171/c
Sequence 171, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Felli, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELFX: 67-3510
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-171

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1529 TTCAGGCTATTCTGAA 1545
|||||
Db 17 TTCAGGCCAGCTGAA 1

RESULT 339
US-08-985-162-330/c
Sequence 330, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Felli, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 330:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-330

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1552 ATGACATGAGCTCCAA 1568
DB 17 AGGTCACTCACTCCAA 1

RESULT 340
US-08-985-162-363/C
Sequence 363, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-363

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 665 TCCCTTCAGACAG 681
DB 17 TCCCTTCAGACAG 1

RESULT 341
US-08-985-162-586
Sequence 586, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 586:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-586

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 647 AGTACTTCCAGGATG 663
DB 1 AGUGUUCGAGUCAG 17

RESULT 342
US-08-985-162-593
Sequence 593, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia

```
APPLICANT: MCSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 593:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-593

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 2.4e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY      1087 TTGTTCTCTCCATCC 1103
DB      1 UUGUUGUCUUCUUC 17

RESULT 343
US-08-538-666-23
Sequence 23, Application US/08538666
Patent No. 6103465
GENERAL INFORMATION:
APPLICANT: Leslie Johnson-Dow, Robert B. Chadwick, Peter Parham
TITLE OF INVENTION: Method and reagents for typing HLA class I genes
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division
STREET: 850 Lincoln Centre Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.10/DOS 6.20
SOFTWARE: Microsoft Word for Windows, vers. 6.0
CURRENT APPLICATION DATA:
```

```
APPLICATION NUMBER: US/08/538,666
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Grossman
REGISTRATION NUMBER: 36,537
REFERENCE/DOCKET NUMBER: 4259C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 638-5846
TELEFAX: (415) 638-6071
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-538-666-23

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1305 GCTGCTCTGTTGCAG 1321
DB      1 GCTGCTCTGGGGGCGAG 17

RESULT 344
US-09-071-845-1999
Sequence 1999, Application US/09071845
Patent No. 6132867
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James MCSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
```

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1999:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1999

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGTCTCTCTGCGC 1418
DB 1 CAGUACUUCGCCCGAGGC 17

RESULT 345
US-08-470-532-14
Sequence 14, Application US/08470532
Patent No. 6171785
GENERAL INFORMATION:
APPLICANT: Higuchi, Russell H.
TITLE OF INVENTION: Homogeneous Methods for Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSER: Hoffmann-La Roche Inc.
STREET: 340 Kingstland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: USA
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,532
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Siab, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 9012A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
US-08-470-532-14

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCCTGTCTATGTC 1456
DB 1 GGTCCCTGTCTATGTC 17

RESULT 346
US-09-091-590A-20
Sequence 20, Application US/09091590A
Patent No. 6242574
GENERAL INFORMATION:
APPLICANT: Nielsen, Klaus
APPLICANT: Kroll, Kristensen, Anne
APPLICANT: Brunstedt, Janne
TITLE OF INVENTION: Anti-Microbial Proteins
FILE REFERENCE: S-137-1101/MA/N/SGS/PCT
CURRENT APPLICATION NUMBER: US/09/091,590A
CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/EP96/05765
PRIOR FILING DATE: 1996-12-20
PRIOR APPLICATION NUMBER: GB 9526238.2
PRIOR FILING DATE: 1995-12-21
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.0
SEQ ID NO 20
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial/Unknown
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(17)
NAME/KEY: misc feature
LOCATION: (1)..(17)
OTHER INFORMATION: n = a, c, or g
US-09-091-590A-20

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 904 GCCTGGCCGATCCAGAA 920
DB 1 GCCTGTCGTCGTATGAA 17

RESULT 347
US-09-228-324A-6/c
Sequence 6, Application US/09228324A
Patent No. 6335184
GENERAL INFORMATION:
APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Ugozzoli, Luis A.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-103P
CURRENT APPLICATION NUMBER: US/09/228,324A
CURRENT FILING DATE: 1999-01-11
PRIOR APPLICATION NUMBER: US 08/826,532
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (17)
OTHER INFORMATION: "non-replicable element"-atag
US-09-228-324A-6

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1001 GGTCCATCTACCCAGCC 1017
DB 17 GGTCTATTTCACACC 1

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM Compatible
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2440:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2440

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGCCAC 450
DB 17 AGCCATCAAGCCAC 1

RESULT 351
US-08-584-040-2624/c
Sequence 2624, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM Compatible
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2624:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2624

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAAGTACTT 654
DB 17 TAATGAACAGCACTT 1

RESULT 352
US-08-584-040-2883/c
Sequence 2883, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
OPERATING SYSTEM: IBM Compatible
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2883:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2883

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1504 AAGGCTCAAGATTA 1520
DB 17 ACGGCTCAAGAGAA 1

RESULT 353
US-08-584-040-5588/c
Sequence 5588, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5588:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5588

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 229 AACATGCGAAGAGAT 245
||| |||||

DB 17 ATCACATGGAAGAGAT 1

RESULT 354
US-08-584-040-7697
Sequence 7697, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7697:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7697

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

OY 1444 CCGTCATCGCCAAAT 1460
DB 1 CCUGAAUCUACCAAU 17
||| |||

RESULT 355
US-08-584-040-7780/c
Sequence 7780, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

```

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7780:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-7780

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 739 GGGGTCAGAACTCG 755
DB 17 GGGGTGAGAACGACG 1

RESULT 356
US-08-584-040-7933
; Sequence 7933, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7933:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-7933

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 790 AGGAGTGCACCTCG 806
DB 1 AGGAGGUGGCUACG 17

RESULT 357
US-08-679-645-87
; Sequence 87, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwigen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/08/679,645
FILING DATE: JULY 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: JULY 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: SEPTEMBER 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-87

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.4e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1237 CTGAGCCTCTACATGAA 1253
DB 1 CTGAGCCTCTACATGAA 17

RESULT 358
US-09-593-012-130
Sequence 130, Application US/09593012
Patent No. 6387652
GENERAL INFORMATION:
APPLICANT: HAUGLAND, Richard
APPLICANT: VESPER, Stephen
TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
FILE REFERENCE: HAUGLAND-1A
CURRENT APPLICATION NUMBER: US/09/593,012
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: US 09/290,990
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: US 60/081,773
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 130
LENGTH: 17
TYPE: DNA
ORGANISM: Penicillium corylophilum
US-09-593-012-130

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GTTCATCTACCCACCA 1018
DB 1 GTTCATCTACCCACCA 17

RESULT 359
US-09-527-030G-110
Sequence 110, Application US/09527030G
Patent No. 6482588
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
TITLE OF INVENTION: specific reverse hybridization.

FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-110

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 AATGAACTTGTGGCA 848
DB 1 AATGAACTTGTGGCA 17

RESULT 360
US-09-474-432B-394/C
Sequence 394, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpelisky, Alex
APPLICANT: Adams, Jaseenka
APPLICANT: Swedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleoside triphosphate and their incorporation into oligonucleo
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 394
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-394

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCACTGACAGTTGAG 1079
DB 17 AGCACTGACAGTTGAG 1

RESULT 361
US-09-474-432B-491
Sequence 491, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber

```
/ APPLICANT: Karpelesky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MHB00-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ PRIOR FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 491
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-491
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 394 GACACCGTGTCTTCTTCT 410
DB 1 GCCACCCUGCCUCCU 17
```

```
RESULT 362
US-09-474-432B-515/c
/ Sequence 515; Application US/09/474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelesky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
/ FILE REFERENCE: MHB00-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ PRIOR FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 515
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-474-432B-515
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1265 GCATTGACAAACTGGG 1281
DB 17 GCATTGACAACTGGG 1
```

```
RESULT 363
US-09-760-139-22/c
/ Sequence 22; Application US/09760139
/ Patent No. 6548274
/ GENERAL INFORMATION:
/ APPLICANT: Yaver, Debbie S.
/ APPLICANT: Bellini, Daniel A.
/ TITLE OF INVENTION: Methods For Producing A Polypeptide
/ FILE REFERENCE: 5966,200-US
/ CURRENT APPLICATION NUMBER: US/09/760,139
/ PRIOR FILING DATE: 2001-01-12
/ PRIOR APPLICATION NUMBER: 09/482,751
/ PRIOR FILING DATE: 2000-01-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 22
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Aspergillus oryzae
US-09-760-139-22
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 974 TGGCTCCCAACCCCTG 990
DB 17 TGTCTCCGCAACCTG 1
```

```
RESULT 364
US-09-371-772B-352
/ Sequence 352; Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Ri
/ FILE REFERENCE: MHB00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 352
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-352
```

```
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 659 GCATGTCCTCCCTCAAG 675
DB 1 GAAGTGUUCCUCCGCAAG 17
```

```
RESULT 365
US-09-371-772B-960/c
/ Sequence 960; Application US/09371772B
/ Patent No. 6566127
```

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 960
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-960

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCAAGTCCAC 450
DB 17 AGCGATCCAAGCCAC 1

RESULT 366
US-09-371-772B-1148/C
Sequence 1148, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1148
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1148

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAACAAGTACTT 654
DB 17 TAATGAACAAGCACTT 1

RESULT 367
US-09-371-772B-1407/C
Sequence 1407, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1407
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1407

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1504 AAGGCTCAAGATTA 1520
DB 17 ACGGTTCAAGAGAA 1

RESULT 368
US-09-371-772B-2478/C
Sequence 2478, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US 09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2478
LENGTH: 17
TYPE: RNA
ORGANISM: Mus BD.
US-09-371-772B-2478

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 229 AACATGTGAAGACAT 245
DB 17 ATCAATGAAGAGAT 1

RESULT 369
US-09-371-772B-3482
Sequence 3482, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Recobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3482
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3482
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1444 CCTGTCATCTGCCAAT 1460
Db 1 CCGAAGUUCUACCAAU 17
```

```
RESULT 370
US-09-371-772B-3564/C
/ Sequence 3564, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Recobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ FILE REFERENCE: MBH00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3564
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3564
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 739 GGGGTCAGAACATCAG 755
Db 17 GGGGTCAGAACATCAG 1
```

```
RESULT 371
US-09-371-772B-3716
/ Sequence 3716, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
```

```
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Recobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3716
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Mus sp.
US-09-371-772B-3716
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 790 AGCAGGTGACTTCG 806
Db 1 AGUAGGUGCCUACUG 17
```

```
RESULT 372
US-09-371-772B-4233/C
/ Sequence 4233, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Recobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ FILE REFERENCE: MBH00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4233
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-4233
```

```
Query Match
Best Local Similarity 0.9%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1134 AGAAGCGTGATGCC 1150
Db 17 AGATGCACTGTGACC 1
```

```
RESULT 373
US-09-371-772B-4610/C
/ Sequence 4610, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwigen, Jim
```

```

; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4610
```

```

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      1432 CTGCTGCTGCTGCTGCTG 1448
DB      17  CTGCTGATGCGCCACTCT 1
```

```

RESULT 374
US-09-371-772B-4768
; Sequence 4768, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4768
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4768
```

```

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      260 ATCTCTCGCTGCTACTTC 276
DB      1  AUCUCUCAACUACUCCUC 17
```

```

RESULT 375
US-09-371-772B-4851
; Sequence 4851, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4851
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4851
```

```

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      365 ACAGAGCAACATCACC 381
DB      1  ACAGAAUUCUACAGCACC 17
```

```

RESULT 376
US-09-371-772B-4885/C
; Sequence 4885, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4885
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4885
```

```

Query Match          0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      815 ATCACTGCAACATGATC 831
DB      17  ACAGAGTCCAGATGATC 1
```

```

RESULT 377
US-09-371-772B-4900
; Sequence 4900, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```


;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MBBH00, 876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4900
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-4900

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 915 CATGAGCTAATGTACA 931
Db 1 CUUAGGAAAGUACA 17

RESULT 378
US-09-371-772B-5120/C
; Sequence 5120, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Recobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5120

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1569 GGCGTCGTGCTGCAGG 1585
Db 17 GGCTTTGGCGTGCAGG 1

RESULT 379
US-09-371-772B-6947/C
; Sequence 6947, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Recobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;; FILE REFERENCE: MBBH00, 876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 6947
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-6947

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1425 CTGCTCTCTGCTGCTG 1441
Db 17 CTACTTCTGCTGCTGCTG 1

RESULT 380
US-08-584-040-4495/C
; Sequence 4495, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Recobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Plitch Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4495:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4495

Query Match
Best Local Similarity 82.4%; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTGACTCTGGCATT 811
DB 17 GGTGTCATCTGGGATT 1

RESULT 381
US-09-371-772B-2208/c
; Sequence 2208, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEBH00.876-J (237/1198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005.974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent version 3.0
; SEQ ID NO 2208
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2208

Query Match
Best Local Similarity 82.4%; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTGACTCTGGCATT 811
DB 17 GGTGTCATCTGGGATT 1

RESULT 382
US-09-474-432B-175/c
; Sequence 175, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelisky, Alex
; APPLICANT: Adamska, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEBH00-831-B (247/2276)
; CURRENT APPLICATION NUMBER: US/09/474.432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
```

```
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent version 3.0
; SEQ ID NO 175
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-175

Query Match
Best Local Similarity 100.0%; DB 1; Length 13;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1556 CATGACTCCCA 1567
DB 13 CATGACTCCCA 2

RESULT 383
US-08-050-073-151
; Sequence 151, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Schaff, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
US-08-050-073-151

Query Match
Best Local Similarity 100.0%; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1318 GCAGAGAGCGG 1329
DB 3 GCAGAGAGCGG 14
```

RESULT 384
US-09-081-646-318/c
; Sequence 318, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Wei
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; PRIOR FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; PRIOR FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 318
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-318

Query Match 0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 TTCAACACAC 393
DB 15 TTCAACACAC 4

RESULT 385
US-09-474-432B-176/c
; Sequence 176, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474.432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent version 3.0
; SEQ ID NO 176
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-176

Query Match 0.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1556 CATCAGCTCCCA 1567
DB 14 CATCAGCTCCCA 3

RESULT 386
US-07-988-194A-30/c
; Sequence 30, Application US/07988194A
; Patent No. 5359046
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Welles, Arthur
; APPLICANT: Irving, Brian A.
; APPLICANT: Roberts, Margo R.
; APPLICANT: Zeebo, Kristina
; TITLE OF INVENTION: Chimeric Chains for Receptor
; TITLE OF INVENTION: Associated Signal Transduction Pathways
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Flehr, Hobbach, Teet, Albritton &
; ADDRESSER: Herbert
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/988,194A
; FILING DATE: December 9, 1992
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: cDNA
US-07-988-194A-30

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTTCAAGACAA 680
DB 15 CTTCAAGACAA 4

RESULT 387
US-08-486-962-13
; Sequence 13, Application US/08486962
; Patent No. 5763172
; GENERAL INFORMATION:
; APPLICANT: Magda, Darren
; APPLICANT: Sessler, Jonathan L.
; APPLICANT: Wright, Meredith
; APPLICANT: Rose, Kevin L.
; APPLICANT: Miller, Richard A.
; APPLICANT: Dow, William C.
; APPLICANT: Kral, Vladimír A.
; APPLICANT: Smith, Daniel A.
; TITLE OF INVENTION: METHOD OF PHOSPHATE ESTER HYDROLYSIS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:

ADDRESSER: Pharmacycles, Inc.
STREET: 995 E. Argues Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: USA
ZIP: 94086-4521
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,962
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY:053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 774-0330
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-486-962-13

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1482 TTTATTTTGAG 1493
DB 1 TTTATTTTGAG 12

RESULT 388
US-09-156-856-9
Sequence 9, Application US/09156856A
Patent No. 6221591
GENERAL INFORMATION:
APPLICANT: Aerts, Johannes M.
TITLE OF INVENTION: Determination of a genetic risk factor for infection
TITLE OF INVENTION: and other diseases, and detection of activated
FILE REFERENCE: Sequence 1-20
Patent No. 6221591
CURRENT APPLICATION NUMBER: US/09/156,856A
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-09-156-856-9

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1325 GCGGGGCCATCG 1336
DB 2 GCGGGGCCATCG 13

RESULT 389
US-08-479-737-30/c

Sequence 30, Application US/08479737
Patent No. 6319494
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J
Weiss, Arthur
Irving, Brian A
Roberts, Margo R
Zsebo, Krisztina
TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED
SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: CELL GENESYS, INC.
STREET: 322 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,737
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,405
FILING DATE: 05-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, Saralynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: Cell 5.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-0803
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-08-479-737-30

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 669 CTTGAGGACAA 680
DB 15 CTTGAGGACAA 4

RESULT 390
US-08-475-442A-30/c
Sequence 30, Application US/08475442A
Patent No. 6407221
GENERAL INFORMATION:
APPLICANT: CAPON, DANIEL J
APPLICANT: WEISS, ARTHUR
APPLICANT: IRVING, BRIAN A
APPLICANT: ROBERTS, MARGO R
APPLICANT: ZSEBO, KRISZTINA
TITLE OF INVENTION: CHIMERIC CHAINS FOR
RECEPTOR-ASSOCIATED SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSER: CELL GENESYS, INC.
STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY

STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,442A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/238,405
FILING DATE: 05-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/988,194
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/627,643
FILING DATE: 14-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/09431
FILING DATE: 12-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: KRUPEN, KAREN I
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CELLS.5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)358-9600x131
TELEFAX: (415)349-7392
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-475-442A-30

Query Match 0.88; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 CTTCAAGACAA 680
|||
15 CTTCAAGACAA 4

RESULT 391
US-09-371-772B-5795
Sequence 5795, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5795
LENGTH: 16
TYPE: RNA

ORGANISM: Homo sapiens
US-09-371-772B-5795

Query Match 0.88; Score 12; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1567 AAGGCGCTG 1578
|||||
2 AAGGCGCTG 13

RESULT 392
PCT-US94-06284-13
Sequence 13, Application PC/TUS9406284
GENERAL INFORMATION:
APPLICANT:
APPLICANT: NAME: BOARD OF REGENTS, THE UNIVERSITY OF TEXAS
APPLICANT: SYSTEM
APPLICANT: STREET: 201 West 7th Street
APPLICANT: CITY: Austin
APPLICANT: STATE: Texas
APPLICANT: COUNTRY: United States of America
APPLICANT: POSTAL CODE: 78701
APPLICANT: TELEPHONE NO: (512)499-4462
APPLICANT: TELEFAX: (512)499-4523
APPLICANT: STREET: 995 East Arques Ave.
APPLICANT: CITY: Sunnyvale
APPLICANT: STATE: California
APPLICANT: COUNTRY: United States of America
APPLICANT: POSTAL CODE: 94086-4593
APPLICANT: TELEPHONE NO: (408)774-0330
APPLICANT: TELEFAX: (408)774-0340
TITLE OF INVENTION: TEXAPHYRIN METAL COMPLEX
TITLE OF INVENTION: MEDIATED ESTER HYDROLYSIS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06284
FILING DATE: CONCURRENTLY HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/075,123
FILING DATE: 09 JUNE 1993 (09.06.93)
CLASSIFICATION:
APPLICATION NUMBER: USSN 08/227,370
FILING DATE: 14 APRIL 1994 (14.04.94)
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTPB570P--
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/320-7200
TELEFAX: 713/789-2679
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

PCT-US94-06284-13

Query Match 0.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1482 TTTATTTGAG 1493
DB 1 TTTATTTGAG 12

RESULT 393

US-08-782-047-24/C
; Sequence 24, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSES: LAHVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/760,246
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: No. 5795726ember 15, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: No. 5795726ember 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIQ-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: DNA

US-08-782-047-24

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGAG 1073
DB 13 CAGCAGCTGAG 2

RESULT 394
US-08-749-431A-21/C
; Sequence 21, Application US/08749431A

; Patent No. 5800998
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
; TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,431A
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULAR TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"

US-08-749-431A-21

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGAG 1073
DB 13 CAGCAGCTGAG 2

RESULT 395

US-08-924-870A-24/C
; Sequence 24, Application US/08924870A
; Patent No. 6143491
; GENERAL INFORMATION:
; APPLICANT: Gluckmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/924,870A
; FILING DATE: 05-SEP-1997
; CLASSIFICATION: 435

US-08-924-870A-24/C
; Sequence 24, Application US/08924870A

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1294
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-24

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGAG 1073
DB 13 CAGCAGCTGAG 2

RESULT 396
US-08-584-040-1853
Sequence 1853, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1853:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1853

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1567 AAGGCTCTGTG 1578
DB 2 AAGGCTCTGTG 13

RESULT 397
US-08-584-040-6002
Sequence 6002, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6002:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6002

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 452 GCTCGGAGGCG 463
Db 6 GCTCGGAGGCG 17

RESULT 398

US-08-679-645-711
; Sequence 711, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edgington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 711:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-711

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Mismatches 3; Indels 0; Gaps 0;

QY 1544 AATCCGTGATGA 1555
Db 6 AAUCCCGAUGA 17

RESULT 399

US-09-005-298-12
; Sequence 12, Application US/09005298
; Patent No. 6365392
; GENERAL INFORMATION:
; APPLICANT: Trilpp, Cynthia A.
; APPLICANT: Wisniewski, Nancy
; APPLICANT: Grieve, Robert B.
; APPLICANT: Frank, Glenn R.
; TITLE OF INVENTION: NOVEL FILARIID NEMATODE CYSTEINE
; TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross P.C.
; STREET: 1700 Lincoln Street, Suite 3500
; CITY: Denver
; STATE: Colorado
; COUNTRY: U.S.A.
; ZIP: 80203

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,298
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/768,619
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Connell, Gary J.
; REGISTRATION NUMBER: 32,020
; REFERENCE/DOCKET NUMBER: 2618-33-C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..17
; OTHER INFORMATION: /label= primer
; US-09-005-298-12

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 660 CATGTCCTT 671
Db 1 CATGTCCTT 12

RESULT 400
US-09-005-298-13
; Sequence 13, Application US/09005298
; Patent No. 6365392
; GENERAL INFORMATION:
; APPLICANT: Trilpp, Cynthia A.
; APPLICANT: Wisniewski, Nancy
; APPLICANT: Grieve, Robert B.
; APPLICANT: Frank, Glenn R.
; TITLE OF INVENTION: NOVEL FILARIID NEMATODE CYSTEINE
; TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross P.C.


```
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,298
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/768,619
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
US-09-005-298-13

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 660 CATGTTCCCTT 671
Db 1 CATGTTCCCTT 12

RESULT 401
US-08-768-619-12
Sequence 12, Application US/08768619
Patent No. 6419923
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
APPLICANT: Griewe, Robert B.
APPLICANT: Frank, Glenn R.
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/768,619
FILING DATE:
```

```
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
US-08-768-619-12

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 660 CATGTTCCCTT 671
Db 1 CATGTTCCCTT 12

RESULT 402
US-08-768-619-13
Sequence 13, Application US/08768619
Patent No. 6419923
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
APPLICANT: Griewe, Robert B.
APPLICANT: Frank, Glenn R.
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/768,619
FILING DATE:
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-C1
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
```

```
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
US-08-768-619-13
```

```
Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      660 CATGTTCCCTT 671
Db      1 CATGTTCCCTT 12
```

```
RESULT 403
US-09-371-772B-398
Sequence 398, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 398
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-398
```

```
Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1567 AAGGCTCTGTG 1578
Db      2 AAGGCTCTGTG 13
```

```
RESULT 404
US-09-371-772B-2839
Sequence 2839, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
```

```
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2839
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2839
```

```
Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      452 GCTCGAGAGCG 463
Db      6 GCTCGAGAGCG 17
```

```
RESULT 405
US-09-371-772B-4655
Sequence 4655, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4655
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4655
```

```
Query Match          0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1567 AAGGCTCTGTG 1578
Db      3 AAGGCTCTGTG 14
```

```
RESULT 406
US-09-371-772B-4656
Sequence 4656, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
```

PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4656
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-7728-4656

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1567 AAGGCTCTGTG 1578
DB 1 AAGGCTCTGTG 12

RESULT 407
PCT-US96-09848-12
Sequence 12, Application PC/TUS9609848
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheridan Ross & McIntosh
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09848
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
PCT-US96-09848-12

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 660 CATGTCCTT 671
DB 1 CATGTCCTT 12

RESULT 408
PCT-US96-09848-13
Sequence 13, Application PC/TUS9609848
GENERAL INFORMATION:
APPLICANT: Tripp, Cynthia A.
APPLICANT: Wisniewski, Nancy
TITLE OF INVENTION: NOVEL FILARID NEMATODE CYSTEINE
TITLE OF INVENTION: PROTEASE PROTEINS, NUCLEIC ACID MOLECULES AND USES THEREOF
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSER: Sheridan Ross & McIntosh
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09848
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,036
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-33-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..17
OTHER INFORMATION: /label= primer
PCT-US96-09848-13

Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 660 CATGTCCTT 671
DB 1 CATGTCCTT 12

RESULT 409
US-09-467-082-28
Sequence 28, Application US/09467082
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
FILE REFERENCE: RTS-0088
CURRENT APPLICATION NUMBER: US/09/467,082
CURRENT FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 28
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-082-28

Query Match 0.8%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAGACAGT 682
DB 1 GTTGTCTTGAAGAGAACT 20

RESULT 410
US-07-955-041-7

Sequence 7, Application US/07955041
Patent No. 5360733

GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
TITLE OF INVENTION: A NOVEL BETA1-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LEUKOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMAIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/955.041
FILING DATE: 19921001
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-8949
TELEFAX: 619-535-9001

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURES:

NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION"
OTHER INFORMATION: PROTEIN"

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 GGGAAATCCCATGAA 1217
DB 1 GGGAAATCCCATGAA 15

RESULT 411
US-07-860-925-24/C

Sequence 24, Application US/07860925

Patent No. 5457189

GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T., Mirabelli,
APPLICANT: Christopher K., Ecker, David J., Coweatt, Lex M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESS: MACKIEWICZ & NORRIS
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/860,925
FILING DATE: March 31, 1992

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US90/07067

FILING DATE: December 3, 1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 445,195

FILING DATE: December 4, 1989

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata, Esquire

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0285

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 15

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-07-860-925-24

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 AAGCGGTGACTGCGC 1150
DB 15 AAGCGGTGACTGTC 1

RESULT 412

US-08-311-760A-55/C

Sequence 55, Application US/08311760A

Patent No. 5599706

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwiggen, James

APPLICANT: Newton, Roger S.

APPLICANT: Rambarack, Randy

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF

TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY

TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN

NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-55

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 509 TATGAGATTAAGC 523
Db 15 TGTGTGAGATGAGC 1

RESULT 413
US-08-182-968A-124
Sequence 124, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-124

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 371 GCAACATCACCCTCA 385
Db 1 GCAACCTCACCCTCA 15

RESULT 414
US-08-182-968A-435/C
Sequence 435, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-435

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 452 GCTCGAGAGCACT 466
Db 15 GCTCGAGAGCACT 1

RESULT 415

US-08-319-492B-367/c
Sequence 367, Application US/08319492B

Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 367:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-367

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1199 TCACGGAATCCCA 1213
Db 15 TCATGGGAATCCCA 1

RESULT 416

US-08-227-455-7
Sequence 7, Application US/08227455
Patent No. 5624832

GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LEUKOSIALIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,455
FILING DATE: 14-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHERYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9957
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION
OTHER INFORMATION: PROTEIN"
US-08-227-455-7

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1203 GGAATCCCATGAA 1217
Db 1 GGAATTCCTCCGAA 15

RESULT 417

US-08-384-708A-138/c
Sequence 138, Application US/08384708A

Patent No. 5639868
GENERAL INFORMATION:
APPLICANT: Gold, Larry
APPLICANT: Janjic, Nebojsa
TITLE OF INVENTION: High-Affinity RNA Ligands of Basic
TITLE OF INVENTION: Fibroblast Growth Factors
NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado

COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MG storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/364,708A
FILING DATE: 02-FEBRUARY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,005
FILING DATE: 10-FEBRUARY-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/714,131
FILING DATE: 10-JUNE-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/536,428
FILING DATE: 11-JUNE-1990
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX07/D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 138:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
US-08-364-708A-138
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 555 ATTGACGACCCGCG 569
Db 15 ACTGACGACCCGCG 1
RESULT 418
US-08-472-482-7
Sequence 7, Application US/08472482
Patent No. 5658778
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETA1-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: LECTROSTATIN AND A METHOD FOR CLONING PROTEINS HAVING
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,482
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/955,041
FILING DATE: 01-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATHRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: GDS
LOCATION: 1.15
OTHER INFORMATION: /note="PROTEIN A - C3GNT FUSION"
OTHER INFORMATION: PROTEIN"
US-08-472-482-7
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1203 GGAATCCCATGAA 1217
Db 1 GGAATTCCTCGAA 15
RESULT 419
US-08-291-932A-160/C
Sequence 160, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: MCSWIGAN, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NR-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466

FILED DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 160:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-160

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1035 GTGCTGAGTCTGG 1049
| ||||| |||||
15 GAGCTGAGAGCTGG 1

RESULT 420
US-08-334-215-24/C
Sequence 24, Application US/08334215
Patent No. 5681944
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T., Mirabelli,
APPLICANT: Christopher K., Ecker, David J., Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK WASHBURN KURTZ
ADDRESSEE: MACKIEWICZ & NORRIS
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,215
FILING DATE: 04-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 860,925
FILING DATE: March 31, 1992
APPLICATION NUMBER: PCT/US90/07067
FILING DATE: December 3, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 445,195
FILING DATE: December 4, 1989
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata, Esquire
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0285
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:

LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-334-215-24

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1136 AAGCGTGACTGACC 1150
| ||||| |||||
15 AAGCGTGACTGTCC 1

RESULT 421
US-08-487-069-7
Sequence 7, Application US/08487069
Patent No. 5684134
GENERAL INFORMATION:
APPLICANT: FUKUDA, MINORU
APPLICANT: BIERHUIZEN, MARTI PA
TITLE OF INVENTION: A NOVEL BETAL-6
TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE,
TITLE OF INVENTION: ENZYMATIC ACTIVITY
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,069
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/955,041
FILING DATE: 01-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: CAMPBELL, CATRYN
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 9294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-9001
TELEFAX: 619-535-8949
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION
OTHER INFORMATION: PROTEIN"
US-08-487-069-7

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 GGAATCCCATGAA 1217
|||||
Db 1 GGAATTCCTGAA 15

RESULT 422

US-08-471-601-6/c
Sequence 6, Application US/08471601
Patent No. 5689049
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,601
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/341/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-471-601-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCCAACGC 1118
|||||
Db 15 TCACCTCATCACTC 1

RESULT 423

US-08-474-556-6/c
Sequence 6, Application US/08474556
Patent No. 5689051
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSER: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.

COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,556
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/329/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-474-556-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCCAACGC 1118
|||||
Db 15 TCACCTCATCACTC 1

RESULT 424
US-08-363-240A-141/c
Sequence 141, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Conture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bieslager, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-141

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1371 GGTTGATGCCCA 1385
DB 15 GGTTGATGCCCA 1

RESULT 425

US-08-351-899-6/C
Sequence 6, Application US/08351899
Patent No. 5750868

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/351,899

FILING DATE: 08-DEC-1994

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 33229/208/PIHI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-351-899-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCTCAAGC 1118
DB 15 TCACCTCCTCAAGC 1

RESULT 426

US-08-479-382-6/C
Sequence 6, Application US/08479382

Patent No. 5763243

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For

TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/479,382

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/351,899

FILING DATE: 08-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 33229/339/PIHI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399

TELEX: 904136

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-479-382-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCCTCAAGC 1118
DB 15 TCACCTCCTCAAGC 1

RESULT 427

US-08-470-354-6/C
Sequence 6, Application US/08470354

Patent No. 5792853

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For

TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,354
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/337/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-470-354-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACTTCCTCAAGC 1118
Db 15 TCACTTCATCACTC 1

RESULT 428
US-08-479-383-6/c
Sequence 6, Application US/08479383
Patent No. 5795753
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,383
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/340/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-479-383-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACTTCCTCAAGC 1118
Db 15 TCACTTCATCACTC 1

RESULT 429
US-08-311-486C-154
Sequence 154, Application US/08311486C
Patent No. 581300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOSOME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNP-1
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: Including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-154

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.9e+02;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1288 GAGCTGTGCTCTG 1302
|||||:|:|:|:
Db 1 GAGCCUUGGUCUG 15

RESULT 430

US-08-292-620A-48
Sequence 48, Application US/08292620A

Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McGswigen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A

FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Marbury, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ. ID NO: 48:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-48

Query Match 0.8%; Score 11.8; DB 1; Length 15;

Best Local Similarity 73.3%; Pred. No. 1.9e+02;

Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1046 CTGGAATTCAGAACG 1060
|||||:|:|:|:
Db 1 CTGGACUCCAGAACG 15

RESULT 431

US-08-479-041-6/c

Sequence 6, Application US/08479041

Patent No. 5837851

GENERAL INFORMATION:

APPLICANT: CIGAN, Andrew M.

APPLICANT: ALBERTSEN, Marc C.

TITLE OF INVENTION: Reversible Nuclear Genetic System For

TITLE OF INVENTION: Male Sterility In Transgenic Plants

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W., Suite 500

STREET: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20007-5109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/479,041

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/351,899

FILING DATE: 08-DEC-1994

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 33229/338/PIHI

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 672-5300

TELEFAX: (202) 672-5399

TELEX: 904136

INFORMATION FOR SEQ. ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-479-041-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 1.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1104 TCACCTCCCAAGC 1118
|||||:|:|:|:
Db 15 TCACCTCATCACTC 1

RESULT 432

US-08-774-306A-124

Sequence 124, Application US/08774306A

Patent No. 5869253

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING HEPATITIS C

TITLE OF INVENTION: VIRUS REPLICATION

NUMBER OF SEQUENCES: 497

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

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/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ FILING DATE: December 26, 1996
/ APPLICATION NUMBER: US/08/774,306A
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/227
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 124:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-774-306A-124

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      371 GCAACATCACCTCA 385
Db      1 GCAACCTCACCTCA 15

RESULT 433
US-08-774-306A-435/c
/ Sequence 435, Application US/08774306A
/ Patent No. 5869253
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HEPATITIS C
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 497
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/774,306A
/ FILING DATE: December 26, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/227
```

```
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 435:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-774-306A-435

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      452 GCTCGAGAGCGACT 466
Db      15 GCTCGAGAGCGACT 1

RESULT 434
US-08-282-197C-18
/ Sequence 18, Application US/08282197C
/ Patent No. 5871730
/ GENERAL INFORMATION:
/ APPLICANT: Brzezinski, Ryszard
/ APPLICANT: Dery, Claude V
/ APPLICANT: Beaulieu, Carole
/ TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
/ TITLE OF INVENTION: Methods of Use
/ NUMBER OF SEQUENCES: 67
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
/ STREET: 1100 New York Ave., NW
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/282,197C
/ FILING DATE: 29-JUL-1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Cimbal, Michele A
/ REGISTRATION NUMBER: 33,851
/ REFERENCE/DOCKET NUMBER: 1050.0410000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-371-2500
/ TELEFAX: 202-371-2540
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: both
/
US-08-282-197C-18

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      931 AAGAGTACGAGGCG 945
Db      1 AAGAGTACGAGGCG 15

RESULT 435
```

US-08-585-684B-2098/c
; Sequence 2098, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2098:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2098
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 512 TGGAGATTAAGCCA 526
Db 15 TGGAGAGAGAGCCGA 1
RESULT 436
US-08-585-684B-2120
; Sequence 2120, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2120:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2120
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 985 ACCCTGTTTCCCAAC 999
Db 1 AUCCTGUTUCCCAUC 15
RESULT 437
US-08-585-684B-2294/c
; Sequence 2294, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2294:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2294

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 512 TGGAGATAGCCCA 526
Db 15 TGGAGAGAGCCGA 1

RESULT 438
US-08-774-310-55/C
Sequence 55, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwigen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Pasteo Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-774-310-55

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 509 TGGTGGAGATAGC 523
Db 15 TGGTGGAGATAGC 1

RESULT 439
US-08-985-583-20/C
Sequence 20, Application US/08985583
Patent No. 5994320
GENERAL INFORMATION:
APPLICANT: Low, Walter C.
APPLICANT: Flores, Eric P.
APPLICANT: Hall, Walter A.
APPLICANT: Chiang, Ian
TITLE OF INVENTION: Antisense Oligonucleotides and Methods
TITLE OF INVENTION: for Treating Gliomas
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: Merchant & Gould
STREET: 90 South 7th Street, 3100 No. 5994320west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/383,733
FILING DATE: 06-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kowalczyk, Katherine M.
REGISTRATION NUMBER: 36,848
REFERENCE/DOCKET NUMBER: 600.304US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-985-583-20

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 881 CGCTGAGTCTTACA 895
Db 15 CACTGAGTCTTACA 1

RESULT 440
US-09-064-156A-124
Sequence 124, Application US/09064156A
Patent No. 613296
GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-124
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
QY 371 GCAACATCACCCTCA 385
Db 1 GCAACCCACACCUCA 15
RESULT 441
US-09-064-156A-435/c
Sequence 435, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-435
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 452 GCTCGAGAGCGACT 466
Db 15 GCTCGAGAGCGACT 1
RESULT 442
US-09-071-845-48
Sequence 48, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grilum
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
APPLICANT: Sean Sullivan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:


```

/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELETYPE: 67-3510
/ INFORMATION FOR SEQ ID NO: 48:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-071-845-48

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1046 CTGGATTGAGACG 1060
DB 1 CTGGACUCCGAGACG 15

RESULT 443
US-08-687-421-138/C
/ Sequence 138, Application US/08687421
/ Patent No. 6177557
/ GENERAL INFORMATION:
/ APPLICANT: Gold, Larry
/ APPLICANT: Janjic, Nebojsa
/ TITLE OF INVENTION: HIGH-AFFINITY LIGANDS OF BASIC
/ TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR AND
/ TITLE OF INVENTION: THROMBIN
/ NUMBER OF SEQUENCES: 445
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Swanson & Bratschun, L.L.C.
/ STREET: 8400 E. Prentice Avenue, Suite 200
/ CITY: Englewood
/ STATE: Colorado
/ COUNTRY: USA
/ ZIP: 80111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: MS-DOS
/ SOFTWARE: WordPerfect 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/687,421
/ FILING DATE: 08-MAY-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/195,005
/ FILING DATE: 10-FEBRUARY-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE: 22-APRIL-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/219,012
/ FILING DATE: 28-MARCH-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/973,333
/ FILING DATE: 11-NOVEMBER-1992
```

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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/714,131
/ FILING DATE: 10-JUNE-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/536,428
/ FILING DATE: 11-JUNE-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barry J. Swanson
/ REGISTRATION NUMBER: 33,215
/ REFERENCE/DOCKET NUMBER: NEX07/PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (303) 793-3333
/ TELEFAX: (303) 793-3433
/ INFORMATION FOR SEQ ID NO: 138:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
FEATURE:
/ OTHER INFORMATION: All C's are 2'-NH2 cytosine
/
US-08-687-421-138

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 ATTACACCCCTCGG 569
DB 15 ACTGACCCACCCGCG 1

RESULT 444
US-09-269-519A-7/C
/ Sequence 7, Application US/09269519A
/ Patent No. 6180347
/ GENERAL INFORMATION:
/ APPLICANT: Iida, Yukari
/ APPLICANT: Koshimoto, Hiroyuki
/ APPLICANT: Kondo, Satoshi
/ APPLICANT: Tsuji, Akihiko
/ TITLE OF INVENTION: Method for Monitoring Transcriptional Synthesis of RNA
/ TITLE OF INVENTION: and Apparatus Therefor
/ FILE REFERENCE: 200783
/ CURRENT APPLICATION NUMBER: US/09/269,519A
/ PRIOR FILING DATE: 1999-04-02
/ PRIOR APPLICATION NUMBER: PCT/JP98/00444
/ PRIOR FILING DATE: 1998-02-03
/ PRIOR APPLICATION NUMBER: JP 020632/1997
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: XELP-4F donor
/
US-09-269-519A-7

Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 ATGATCAATGGAAT 840
DB 15 ATGATCACTGGTACT 1

RESULT 445
```

US-09-038-073-2098/c
; Sequence 2098, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2098:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2098
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 512 TGGAGATAGCCCA 526
Db 15 TGGAGAGAGGCCCA 1
RESULT 446
US-09-038-073-2120
; Sequence 2120, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2120:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2120
Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 985 ACCCTGTTGCCCA 999
Db 1 AUCCTGUGGCCAUC 15
RESULT 447
US-09-038-073-2294/c
; Sequence 2294, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 488-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2294:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2294

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 512 TGGAGATTAAGCCCA 526
Db 15 TGGAGAGAGAGCCCA 1

RESULT 448
US-09-156-828B-15
Sequence 15, Application US/09156828B
Patent No. 6238917
GENERAL INFORMATION:
APPLICANT: Hendry, Philip
APPLICANT: McCall, Maxine J.
TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES
FILE REFERENCE: 50534bpu
CURRENT APPLICATION NUMBER: US/09/156,828B
CURRENT FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: PCT/AU97/00210
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof
US-09-156-828B-15

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.9e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 874 GAGTCTCGCTGGAG 888
Db 1 GAGUCCACACUGGAG 15

RESULT 449
US-08-819-646-6/c
Sequence 6, Application US/08819646
Patent No. 6281348
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,646
FILING DATE: 17-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,556
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/351,899
FILING DATE: 08-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 33229/329/PIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-819-646-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGC 1118
Db 15 TCACCTCATCACTC 1

RESULT 450
US-09-081-646-21
Sequence 21, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-21

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 CATGCCCAACATCCT 488
Db 1 CATGCCCAACATCCT 15

RESULT 451

```
US-09-081-646-163/c
; Sequence 163, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 163
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-163
```

```
Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1237 CTGAGCTCTTCATG 1251
DB      15  CTGAGCTATATACATG 1
```

```
RESULT 452
US-09-081-646-375/c
; Sequence 375, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 375
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-375
```

```
Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 GATCAGTGCACATG 828
DB      15  GCTCAGTGCACATG 1
```

```
RESULT 453
US-09-081-646-452
; Sequence 452, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
```

```
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 452
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-452
```

```
Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1248 CATGAATCTGTGCG 1262
DB      1  CATGAATCTGCGAC 15
```

```
RESULT 454
US-09-081-646-526
; Sequence 526, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 526
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-526
```

```
Query Match          0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1556 CATCAGTCCCAAG 1570
DB      1  CATCAGTCCCAAG 15
```

```
RESULT 455
US-09-081-646-666
; Sequence 666, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
```

EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 666
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-666

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 CATGTGAGAGAGAT 245
DB 1 CATGGGAGACAGAT 15

RESULT 456
US-09-079-812E-19/C
Sequence 19, Application US/09079812E
Patent No. 6340575
GENERAL INFORMATION:
APPLICANT: Bollaag, Gideon
APPLICANT: Crompton, Anne
APPLICANT: No. 6340575ch, Anne
APPLICANT: Sharma, Sanju
APPLICANT: Roscoe, William
TITLE OF INVENTION: Methods and Compositions for Treating Abnormal Cell
TITLE OF INVENTION: Growth Related to Unwanted Guanine Nucleotide Exchange
TITLE OF INVENTION: Factor Activity
FILE REFERENCE: 1028-US
CURRENT APPLICATION NUMBER: US/09/079,812E
CURRENT FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/049,879
PRIOR FILING DATE: 1997-06-17
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 15
TYPE: DNA
ORGANISM: Oligonucleotide
US-09-079-812E-19

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 501 GGGCGTGATGATGGA 515
DB 15 GGGCGTGATGATGGA 1

RESULT 457
US-09-450-072-22/C
Sequence 22, Application US/09450072
Patent No. 6358734
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
TITLE OF INVENTION: and Methods for Their Use
FILE REFERENCE: 11000.1042c1
CURRENT APPLICATION NUMBER: US/09/450,072
CURRENT FILING DATE: 1999-11-29
EARLIER APPLICATION NUMBER: 09/351,348
EARLIER FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 81
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Made in a lab
US-09-450-072-22

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 315 GAAGCCGACAGTGGC 329
DB 15 GAAGCCGACAGTGGC 1

RESULT 458
US-08-618-834C-6
Sequence 6, Application US/08618834C
Patent No. 6361937
GENERAL INFORMATION:
APPLICANT: Stryer, Lubert
TITLE OF INVENTION: Computer-Aided Nucleic Acid
TITLE OF INVENTION: Sequencing
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSER: Rletter, Van Pelt & Yi LLP
STREET: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: CA
COUNTRY: USA
ZIP: 94022

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,834C
FILING DATE: 19-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Rletter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFPP002
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-618-834C-6

Query Match 0.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 372 CAACATCACCTTCA 386
DB 1 CAACATCACCTTCA 15

RESULT 459
US-09-195-716-6/C
Sequence 6, Application US/09195716
Patent No. 6399856
GENERAL INFORMATION:
APPLICANT: CIGAN, Andrew M.
APPLICANT: ALBERTSEN, Marc C.
TITLE OF INVENTION: Reversible Nuclear Genetic System For
TITLE OF INVENTION: Male Sterility In Transgenic Plants

```

;
; NUMBER OF SEQUENCES: 23
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,716
; FILING DATE: 19-NOV-1998
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/819,646
; FILING DATE: 17-MAR-1997
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/474,556
; FILING DATE: 07-JUN-1995
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/351,899
; FILING DATE: 08-DEC-1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 033229/0660
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
;
; TELEX: 904136
;
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-195-716-6
;
; Query Match 0.8%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 86.7%; Pred. No. 1.9e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1104 TCACTTCTCAACGC 1118
;
; DB 15 TCACCTCATCACTC 1
;
;
; RESULT 460
; US-09-351-348-22/c
; Sequence 22, Application US/09351348
; Patent No. 6436898
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds and Methods for the Treatment
; TITLE OF INVENTION: of Mycobacterial Infections with Multi-Epitope Vaccines
; FILE REFERENCE: 11000.1042
; CURRENT APPLICATION NUMBER: US/09/351,348
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
;
; US-09-351-348-22
;
; Query Match 0.8%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 86.7%; Pred. No. 1.9e+02;
```

```

;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 315 GAAGCCGACGATGCG 329
;
; DB 15 GAAGCCACAGCTGCG 1
;
;
; RESULT 461
; PCT-US93-12600-15/c
; Sequence 15, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; APPLICANT: Dixon, Richard A.F.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
;
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; PCT-US93-12600-15
;
; Query Match 0.8%; Score 11.8; DB 1; Length 15;
; Best Local Similarity 86.7%; Pred. No. 1.9e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 607 ATGTGGGCTGACAG 621
;
; DB 15 ATGTGGGCTGAG 1
;
;
; RESULT 462
; US-08-213-811-7/c
; Sequence 7, Application US/08213811
; Patent No. 5395764
; GENERAL INFORMATION:
; APPLICANT: RIBOLI, Barbara
; APPLICANT: PEDRONI, Paola
; APPLICANT: CUZZONI, Anna
; APPLICANT: DE FERRA, Francesca
; TITLE OF INVENTION: PROMOTER REGIONS OF THE GENES WHICH CODE FOR THE
; TITLE OF INVENTION: PILINIC SUBUNITS FIM2, FIM3 AND FIMX OF
```

```
/ TITLE OF INVENTION: BORDETELLA PERTUSSIS AND THEIR USE FOR THE
/ TITLE OF INVENTION: EXPRESSION OF GENES WHICH CODE FOR A PROTEIN OF
/ TITLE OF INVENTION: INTEREST
/ NUMBER OF SEQUENCES: 12
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: SUGHRUB MION ZINN MACPEAK & SEAS
/ STREET: 2100 PENNSYLVANIA AVENUE, N.W.
/ CITY: WASHINGTON
/ STATE: D.C.
/ COUNTRY: UNITED STATES
/ ZIP: 20037-1202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.24
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/213,811
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/607,966
/ FILING DATE:
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-293-7060
/ TELEFAX: 202-293-7860
/ TELEX: 6491103
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-213-811-7

Query Match      0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      173 TCATCAACGACGACG 187
DB      15 TCATCAAGCTGAAG 1

RESULT 463
/ US-08-373-124A-58/C
/ Sequence 58, Application US/08373124A
/ Patent No. 5646042
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwiggen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
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```
/ APPLICATION NUMBER: US/08/373,124A
/ FILING DATE: January 13, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marbury, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-373-124A-58

Query Match      0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1475 AATGCTATTATTATT 1489
DB      15 ACTGTATTATTATT 1

RESULT 464
/ US-08-486-421-24/C
/ Sequence 24, Application US/08486421
/ Patent No. 5672479
/ GENERAL INFORMATION:
/ APPLICANT: Johnson, Edward M.
/ APPLICANT: Bergmann, Andrew D.
/ TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
/ NUMBER OF SEQUENCES: 51
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Pennie & Edmonds
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/486,421
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/470,911
/ FILING DATE: 06-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 6923-053
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 24:
```

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-421-24

Query Match 0.84; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.74; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 253 CCCTTCATCTCCTCC 267
Db 16 CCCTTCCTCTCTCC 2

RESULT 465
US-08-470-911-24/C

Sequence 24, Application US/08470911
Patent No. 575684
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470.911
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
TITLE OF INVENTION: INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-470-911-24

Query Match 0.84; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.74; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 253 CCCTTCATCTCCTCC 267
Db 16 CCCTTCCTCTCTCC 2

RESULT 466
US-08-509-858-1
Sequence 1, Application US/08509858
Patent No. 5780613
GENERAL INFORMATION:

APPLICANT: Letsinger, Robert L.
TITLE OF INVENTION: COVALENT LOCK FOR SELF-ASSEMBLED
TITLE OF INVENTION: OLIGONUCLEOTIDE CONSTRUCTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5780613thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/509,858
FILING DATE:

CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0570.00037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-509-858-1

Query Match 0.84; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.74; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1131 GCGAGAGCGGTGAC 1145
Db 2 GGAAGAGCGGAGAC 16

RESULT 467
US-08-509-858-4/C
Sequence 4, Application US/08509858
Patent No. 5780613
GENERAL INFORMATION:
APPLICANT: Letsinger, Robert L.
TITLE OF INVENTION: COVALENT LOCK FOR SELF-ASSEMBLED
TITLE OF INVENTION: OLIGONUCLEOTIDE CONSTRUCTS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 5780613thwestern Hwy.
CITY: Farmington Hills
STATE: Michigan
COUNTRY: US
ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/509,858
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Kohn, Kenneth I.

REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0570.00037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-509-858-4

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 GGAGAGGGGTGAC 1145
DB 15 GGAGAGGGGTGAC 1

RESULT 468
US-08-435-628-58/C
Sequence 58, Application US/08435628
Patent No. 581796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSES: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 58:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-58

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1475 AATGCTATTATTTT 1489
DB 15 AATGCTATTATTTT 1

RESULT 469
US-08-486-809-24/C
Sequence 24, Application US/08486809
Patent No. 5869622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSES: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-486-809-24

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 253 CCCTTCATCTCTCC 267
DB 16 CCCTTCATCTCTCC 2

RESULT 470
US-08-840-344-4
Sequence 4, Application US/08840344

```
/ Patent No. 5939254
/ GENERAL INFORMATION:
/ APPLICANT: Emis, Francis A.
/ APPLICANT: Sudito, Mirawati
/ APPLICANT: Iehiko, Hiroaki
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR RAPID
/ TITLE OF INVENTION: DIAGNOSIS OF DENGUE VIRUS INFECTION
/ NUMBER OF SEQUENCES: 14
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Fish & Richardson P.C.
/ STREET: 225 Franklin Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: PastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/840,344
/ FILING DATE: 28-APR-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fasse, Peter J.
/ REGISTRATION NUMBER: 32,983
/ REFERENCE/DOCKET NUMBER: 07917/048001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617/542-5070
/ TELEFAX: 617/542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-840-344-4

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1092 TCTCTCCGATCCCTCA 1106
DB      1 TCTCTCCGACGCTCA 15

RESULT 471
US-08-885-126-15/c
/ Sequence 15, Application US/08885126A
/ Patent No. 5955397
/ GENERAL INFORMATION:
/ APPLICANT: Arnold, Lyle J.
/ APPLICANT: Riley, Timothy A.
/ APPLICANT: Reynolds, Mark A.
/ APPLICANT: Schwartz, David A.
/ TITLE OF INVENTION: CHIRALITY ENRICHED SYNTHETIC PHOSPHATE
/ TITLE OF INVENTION: OLIGOMERS
/ FILE REFERENCE: GENTA.020FW2
/ CURRENT APPLICATION NUMBER: US/08/885,126A
/ CURRENT FILING DATE: 1997-06-30
/ EARLIER APPLICATION NUMBER: 08/343,018
/ EARLIER FILING DATE: 1994-11-21
/ EARLIER APPLICATION NUMBER: 08/154,013
/ EARLIER FILING DATE: 1993-11-16
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: PastSeq for Windows Version 3.0
/ SEQ ID NO 15
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Chemically synthesized oligomer
/ US-08-885-126-15

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      245 TCCCTATCCCTTCT 259
DB      15 TCCCTCTCCCTTCT 1

RESULT 472
US-08-985-583-19/c
/ Sequence 19, Application US/08985583
/ Patent No. 5994320
/ GENERAL INFORMATION:
/ APPLICANT: Low, Walter C.
/ APPLICANT: Flores, Eric P.
/ APPLICANT: Hall, Walter A.
/ APPLICANT: Chiang, Ian
/ TITLE OF INVENTION: Antisense Oligonucleotides and Methods
/ TITLE OF INVENTION: for Treating Gliomas
/ NUMBER OF SEQUENCES: 20
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Merchant & Gould
/ STREET: 90 South 7th Street, 3100 No. 5994320west Center
/ CITY: Minneapolis
/ STATE: MN
/ COUNTRY: USA
/ ZIP: 55402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,583
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/383,733
/ FILING DATE: 06-FEB-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kowalchuk, Katherine M.
/ REGISTRATION NUMBER: 36,848
/ REFERENCE/DOCKET NUMBER: 600.304US01
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 612-332-5300
/ TELEFAX: 612-332-9081
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-985-583-19

Query Match          0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      881 CGCTGAGATTCTACA 895
DB      15 CACTCGAATTCTACA 1

RESULT 473
US-08-544-381B-193
/ Sequence 193, Application US/08544381B
```

Patent No. 6027880
GENERAL INFORMATION:
APPLICANT: Cronin, Maureen T.
APPLICANT: Miyada, Charles Garrett
APPLICANT: Hubbell, Earl A.
APPLICANT: Chee, Mark
APPLICANT: Podor, Stephen P. A.
APPLICANT: Huang, Xiaohua C.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lobban, Peter B.
APPLICANT: Morris, MacDonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
NUMBER OF SEQUENCES: 250
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/544,381B
FILING DATE: 10-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/510,521
FILING DATE: 02-AUG-1995
PRIOR APPLICATION DATA: PCT/US94/12305
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004130US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 193:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-544-381B-193

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1328 GGGCCATGAGGGGG 1342
DB 1 GGGCAATGAGGGGG 15

RESULT 474
US-08-811-566-14
Sequence 14, Application US/08811566
Patent No. 6127116
GENERAL INFORMATION:

APPLICANT: Rice, Charles et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/811,566
FILING DATE: 03-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1113-1-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
US-08-811-566-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1375 TTGATGCCAATGCG 1389
DB 2 TTGATGCCAATGCG 16

RESULT 475
US-09-159-274-25/C
Sequence 25, Application US/09159274
Patent No. 6127173
GENERAL INFORMATION:
APPLICANT: MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V.
TITLE OF INVENTION: NUCLEIC ACID CATALYSTS WITH ENDONUCLEASE ACTIVITY
FILE REFERENCE: 236/200-US
CURRENT APPLICATION NUMBER: US/09/159,274
CURRENT FILING DATE: 1998-09-22
EARLIER APPLICATION NUMBER: US 60/059,473
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 25
LENGTH: 16
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized nucleic acid molecule
US-09-159-274-25

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1207 ATCCCATGACTGC 1221
DB 16 ATCCCATGACTGC 2

RESULT 476

US-09-112-096-13/C
Sequence 13, Application US/09112096
Patent No. 6194152
GENERAL INFORMATION:
APPLICANT: Reiner Laus
APPLICANT: Michael H. Shapiro
APPLICANT: Larisa Tsavaler
TITLE OF INVENTION: Prostate Tumor Polynucleotide and
FILE REFERENCE: 7636-0015.30
CURRENT APPLICATION NUMBER: US/09/112,096
CURRENT FILING DATE: 1998-07-09
EARLIER APPLICATION NUMBER: 60/056,110
EARLIER FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatSeq for Windows Version 3.0
SEQ ID NO 13
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: (1)...(16)
OTHER INFORMATION: oligonucleotide primer
US-09-112-096-13

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1219 TGCTGTGTGAAGTGC 1233
DB 16 TGCTGTGTGAAGTGC 2

RESULT 477

US-08-797-812-10
Sequence 10, Application US/08797812
Patent No. 6228575
GENERAL INFORMATION:
APPLICANT: Gingeras, Thomas A.
APPLICANT: Mack, David
APPLICANT: Chee, Mark S.
APPLICANT: Berno, Anthony J.
APPLICANT: Strayer, Lubert
APPLICANT: Chandour, Chassan
APPLICANT: Wang, Ching
TITLE OF INVENTION: Chip-Based Species Identification and
TITLE OF INVENTION: Phenotypic Characterization of Microorganisms
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/797,812
FILING DATE: 07-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/017,765
FILING DATE: 15-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/629,031
FILING DATE: 08-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/012,631
FILING DATE: 01-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,339
FILING DATE: 08-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Filts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 16528X-018550
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-797-812-10

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1328 GGGCATGAGAGGGG 1342
DB 1 GGGCATGAGAGGGG 15

RESULT 478

US-09-034-756-14
Sequence 14, Application US/09034756
Patent No. 6392028
GENERAL INFORMATION:
APPLICANT: RICH, CHARLES et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
VIRUS (HCV) AND USES THEREOF
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERRAMP, L.C.
STREET: 7733 FORSYTH BLVD., SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,756
FILING DATE: 04-May-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 6029-4831
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-034-756-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1375 TTGATGCCCAAGGTG 1389
|||||
DB 2 TTGATGCCCAATCG 16

RESULT 479
US-09-916-228-14/C
Sequence 14, Application US/09916228
Patent No. 6438013
GENERAL INFORMATION:
APPLICANT: Veliculuscu, Victor
APPLICANT: Sparks, Andrew
APPLICANT: Kinzier, Kenneth
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Serial analysis of transcript expression
FILE REFERENCE: 001107.00172
CURRENT APPLICATION NUMBER: US/09/916,228
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/221,556
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 60/233,431
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: tag or tag concatenamer
US-09-916-228-14

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 GGTGGGGGAGCGCG 338
|||||
DB 16 GGTCCGGAGAGCG 2

RESULT 480
US-09-371-772B-5778
Sequence 5778, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 5778
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5778

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 661 ATGTCCTCCCTCAAG 675
|||:|||||
DB 1 AUGUUCCTCCGCAAG 15

RESULT 481
US-09-371-772B-6037/C
Sequence 6037, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6037
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6037

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 640 ATCAACAGTACTTT 654
|||||
DB 16 ATGAACAAGACTTT 2

RESULT 482
US-09-371-772B-6112/C
Sequence 6112, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6112

LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6112

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1506 GGGCTCAAGATGA 1520
DB 16 GGGTCAAGAGGAA 2

RESULT 483
US-09-371-772B-7131/C
Sequence 7131, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Slinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Regulation of Gene Expression
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 7131
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7131

Query Match 0.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 877 TCCTCGCTGAGTTC 891
DB 15 TCCTCACTGAGTAC 1

RESULT 484
US-08-782-047-24
Sequence 24, Application US/08782047
Patent No. 5795726
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: Therapeutic Compositions and Methods and Diagnostic Assays
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHYE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,047
FILING DATE: January 10, 1997

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/760,246
FILING DATE: December 4, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/749,431
FILING DATE: No. 5795726ember 15, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,229
FILING DATE: No. 5795726ember 12, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIO-011CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA
US-08-782-047-24

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 318 GCGCAGGTGCGGA 332
DB 1 GCTGCACTGCTGGA 15

RESULT 485
US-08-749-431A-21
Sequence 21, Application US/08749431A
Patent No. 5800998
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,431A
FILING DATE: 15-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-743-431A-21

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 318 GCCGCGAGTGGCGGA 332
Db 1 GCTGCGAGTGTCTGA 15

RESULT 486
US-08-924-870A-24
Sequence 24, Application US/08924870A
Patent No. 6143491
GENERAL INFORMATION:
APPLICANT: G1 ckemann, M. Alexandra
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/924,870A
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,047
FILING DATE: 10-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-011.27.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-7000
TELEFAX: 617-832-1294
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-924-870A-24

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 318 GCCGCGAGTGGCGGA 332
Db 1 GCTGCGAGTGTCTGA 15

RESULT 487
US-08-117-952-709/c
Sequence 709, Application US/08117952
Patent No. 5851760

GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 709:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-709

C.ary Match 0.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 746 AGACATCAGCAGGA 760
Db 16 AGACGACGACGAGA 2

RESULT 488
US-08-635-309-14/c
Sequence 14, Application US/08635309
Patent No. 5709997
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: Cynthia Jou
APPLICANT: John N. Simons
APPLICANT: Thomas P. Leary
APPLICANT: A. Scott Muerhoff
APPLICANT: Suresh W. Desai
APPLICANT: Ira K. Mushahwar
TITLE OF INVENTION: NUCLEIC ACID DETECTION OF HEPATITIS GB VIRUS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release 1.0, Version 1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/06/635,309
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Priscilla E. Porembski
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5792.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708/937-0378
TELEFAX: 708/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic DNA
US-08-635-309-14

Query Match 0.8%; Score 11.6; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 2.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 551 TGGCATTGACACCC 565
DB 15 TGGCATTGACCC 1

RESULT 489
US-08-890-980-72
Sequence 72, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "probe"
US-08-890-980-72

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGATG 513
DB 11 GGTGCGCGGTGATGAAAG 28

RESULT 490
US-08-890-980-74/C
Sequence 74, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"

US-08-890-980-74

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGATG 513
DB 21 GGTGCGCGGTGATGAAAG 4

RESULT 491
US-09-032-894-72
Sequence 72, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980

EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 72
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-72

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTCGGCGCGTGTATGATG 513
Db 11 GGTCGGCGCGTGTATGATG 28

RESULT 492
US-09-032-894-74/c
Sequence 74, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 74
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-74

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTCGGCGCGTGTATGATG 513
Db 21 GGTCGGCGCGTGTATGATG 4

RESULT 493
US-09-031-626-72
Sequence 72, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 72
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-72

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTCGGCGCGTGTATGATG 513
Db 11 GGTCGGCGCGTGTATGATG 28

RESULT 494
US-09-031-626-74/c
Sequence 74, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 74
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-74

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 496 GGTCGGCGCGTGTATGATG 513
Db 21 GGTCGGCGCGTGTATGATG 4

RESULT 495
US-09-032-894-93/c
Sequence 93, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 93
LENGTH: 34
TYPE: DNA
ORGANISM: Human
US-09-032-894-93

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 498 TGAGGAAGTGAGATGGAGATTAAGC 523
Db 30 TGAGGAAGTGAGATGGAGATTAAGC 5

RESULT 496
US-09-031-626-93/c
Sequence 93, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:

APPLICANT: Acton, Susan L.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND

TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
CURRENT FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 93
LENGTH: 34
TYPE: DNA
ORGANISM: Human
US-09-031-626-93

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 498 TCGCGCGTGATGATGAGATATACG 523
Db 30 TGAGGAGTGAGATGCGAGAGAAAC 5

RESULT 497
US-08-928-465-4
Sequence 4, Application US/08928465
Patent No. 6204024
GENERAL INFORMATION:
APPLICANT: Romano, Joseph
APPLICANT: Lee, Eun Mi
TITLE OF INVENTION: CCR5 RNA Transcription Based
TITLE OF INVENTION: Amplification Assay
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akzo No. 6204024el Patent Department
STREET: 1300 Piccard Drive
CITY: Rockville
STATE: Maryland
COUNTRY: US
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,465
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Gormley, Mary E.
REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-948-7400
TELEFAX: 301-948-9751
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"
HYPOTHETICAL: NO
US-08-928-465-4

Query Match 0.8%; Score 11.4; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 1063 AGCACTGCGAGGTGAGTCC 1083
Db 1 AGCAGCGGAGGACGACGCCCC 21

RESULT 498
US-08-890-980-68
Sequence 68, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"
US-08-890-980-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 480 CAACATCTGTGCTTGTGCGCGCGTGA 508
Db 3 CCAGACCGGCTCAGCGTTGAGGAAGTGA 31

RESULT 499
US-08-890-980-70/c
Sequence 70, Application US/08890980
Patent No. 5998141
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/890,980
FILING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "probe"
US-08-890-980-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTTGGTGGCGCGGTGA 508
DB 29 CCAGAACCGGTCAGCGTTGAGGAAGTGA 1

RESULT 500
US-09-032-894-68
Sequence 68, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 68
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTTGGTGGCGCGGTGA 508
DB 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 501
US-09-032-894-70/c
Sequence 70, Application US/09032894
Patent No. 6130041
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR
FILE REFERENCE: MIA-005.03
CURRENT APPLICATION NUMBER: US/09/032,894
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,980
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 70

LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-032-894-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTTGGTGGCGCGGTGA 508
DB 29 CCAGAACCGGTCAGCGTTGAGGAAGTGA 1

RESULT 502
US-09-031-626-68
Sequence 68, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 68
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-68

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTTGGTGGCGCGGTGA 508
DB 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 503
US-09-031-626-70/c
Sequence 70, Application US/09031626
Patent No. 6228581
GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
FILE REFERENCE: MIA-005.04
CURRENT APPLICATION NUMBER: US/09/031,626
EARLIER FILING DATE: 1998-02-27
EARLIER APPLICATION NUMBER: 08/890,979
EARLIER FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 70
LENGTH: 31
TYPE: DNA
ORGANISM: Human
US-09-031-626-70

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTTGGTGGCGCGGTGA 508
DB 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

Db 29 CCAGAACCGGCTCAGCGTTGAGGAGTGA 1

RESULT 504

US-09-371-772B-7124/c
; Sequence 7124, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7124
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7124

Query Match

Best Local Similarity 0.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 796 GTTGACTTCTGCAT 811
Db 16 GTTGACTCTGCATT 1

RESULT 505

US-08-998-099-62
; Sequence 62, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-62

Query Match

Best Local Similarity 0.8%; Score 11.2; DB 1; Length 17;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 745 CAGACATCAGCAGGA 760
Db 1 CAGACATCAGCAGGA 16

RESULT 506

US-08-482-882-112/c
; Sequence 112, Application US/08482882
; Patent No. 5773218
; GENERAL INFORMATION:
; APPLICANT: Gallatin, W. Michael
; APPLICANT: Vazeux, Rosemary
; TITLE OF INVENTION: ICAM-Related Materials and Methods
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,882
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/286,754
; FILING DATE:
; APPLICATION NUMBER: US 08/102,852
; FILING DATE: 05-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5773218and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-482-882-112

Query Match

Best Local Similarity 0.8%; Score 11.2; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 507

US-08-483-389-112/c
; Sequence 112, Application US/08483389

Query Match

Best Local Similarity 0.8%; Score 11.2; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCAAGTCCA 449
Db 16 AGCCTTCAAGTCCA 1

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/ Patent No. 5811517
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-RELATED PROTEIN
/ NUMBER OF SEQUENCES: 118
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 233 South Wacker Drive/6300 Sears Tower
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/483,389
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 530
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/102,852
/ FILING DATE: 05-AUG-1993
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/009,266
/ FILING DATE: 22-JAN-1993
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/894,061
/ FILING DATE: 05-JUN-1992
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/889,724
/ FILING DATE: 26-MAY-1992
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/827,689
/ FILING DATE: 27-JAN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Suh, Young J.
/ REGISTRATION NUMBER: P-41,337
/ REFERENCE/DOCKET NUMBER: 27866/32760
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 474-6300
/ TELEFAX: (312) 474-0448
/ TELERX: (312) 474-6600
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-483-389-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      434 AGCCTCAAGTCCA 449
DB      16 AGCTTCAACTCCA 1

RESULT 508
US-08-487-113D-112/c
/ Sequence 112, Application US/08487113D
/ Patent No. 5837822
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-Related Materials and Methods
/ NUMBER OF SEQUENCES: 120
/ CORRESPONDENCE ADDRESS:
```

```
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/487,113D
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/286,754
/ FILING DATE: 05-AUG-1994
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/102,852
/ FILING DATE: 05-AUG-1993
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 08/009,266
/ FILING DATE: 22-JAN-1993
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/894,061
/ FILING DATE: 05-JUN-1992
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/889,724
/ FILING DATE: 26-MAY-1992
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: US 07/827,689
/ FILING DATE: 27-JAN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 5837822and, Greta E.
/ REGISTRATION NUMBER: 35,302
/ REFERENCE/DOCKET NUMBER: 32744
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 474-6300
/ TELEFAX: (312) 474-0448
/ TELERX: 25-3856
/ INFORMATION FOR SEQ ID NO: 112:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-487-113D-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      434 AGCCTCAAGTCCA 449
DB      16 AGCTTCAACTCCA 1

RESULT 509
US-08-473-503-112/c
/ Sequence 112, Application US/08473503
/ Patent No. 5869262
/ GENERAL INFORMATION:
/ APPLICANT: Gallatin, W. Michael
/ APPLICANT: Vazeux, Rosemay
/ TITLE OF INVENTION: ICAM-Related Materials and Methods
/ NUMBER OF SEQUENCES: 116
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 S. Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
```

COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,503
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 586262and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-473-503-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCCAAAGTCCCA 449
DB 16 AGCCTTCAAACTCCCA 1

RESULT 510
US-08-483-932-112/c
Sequence 112, Application US/08483932
Patent No. 5880268
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,932
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 5880268and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-483-932-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCCAAAGTCCCA 449
DB 16 AGCCTTCAAACTCCCA 1

RESULT 511
US-08-720-420A-112/c
Sequence 112, Application US/08720420A
Patent No. 5989843
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICM-Related Materials and Methods
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borum
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/720,420A
FILING DATE:

CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,113
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/286,754
FILING DATE: 05-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Joseph A., Jr.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 33282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-720-420A-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCCAAGTCCCA 449
DB 16 AGCCTTCCAAGTCCCA 1

RESULT 512
US-08-714-017-112/C
Sequence 112, Application US/08714017
Patent No. 6040176
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,017
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE:
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/009,266
FILING DATE: 22-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/894,061
FILING DATE: 05-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/889,724
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,689
FILING DATE: 27-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: No. 6040176and, Greta B.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 32178
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-714-017-112

Query Match 0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCTTCCAAGTCCCA 449
DB 16 AGCCTTCCAAGTCCCA 1

RESULT 513
US-08-475-680-112/C
Sequence 112, Application US/08475680
Patent No. 6100383
GENERAL INFORMATION:
APPLICANT: Gallatin, W. Michael
APPLICANT: Vazeux, Rosemay
TITLE OF INVENTION: ICAM-Related Materials and Methods
NUMBER OF SEQUENCES: 116
CORRESPONDENCE ADDRESS:
ADDRESSER: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,680
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286,754
FILING DATE: 05-AUG-1994
APPLICATION NUMBER: US 08/102,852
FILING DATE: 05-AUG-1993

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/009,266
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/894,061
; FILING DATE: 05-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/889,724
; FILING DATE: 26-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,689
; FILING DATE: 27-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6100383and, Greta E.
; REGISTRATION NUMBER: 35,302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; TELEFAX: (312) 474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-475-680-112

Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      434 AGCCTCCAGTCCCA 449
Db      16 AGCCTCAAACTCCCA 1

RESULT 514
US-08-890-980-71
; Sequence 71, Application US/08890980
; Patent No. 5998141
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,980
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "probe"
; US-08-890-980-73

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      496 GGTGGCGCGGTGATGA 511
Db      16 GGTGGCGCGGTGATGA 1

RESULT 516
US-09-032-894-71
; Sequence 71, Application US/09032894
; Patent No. 6130041
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "probe"
; US-08-890-980-71

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      496 GGTGGCGCGGTGATGA 511
Db      5 GGTGGCGCGGTGATGA 20

RESULT 515
US-08-890-980-73/c
; Sequence 73, Application US/08890980
; Patent No. 5998141
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,980
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-005.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-7000
; TELEFAX: 617-832-1000
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "probe"
; US-08-890-980-73

Query Match      0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      496 GGTGGCGCGGTGATGA 511
Db      16 GGTGGCGCGGTGATGA 1

RESULT 516
US-09-032-894-71
; Sequence 71, Application US/09032894
; Patent No. 6130041
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
; FILE REFERENCE: MIA-005.03
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;; CURRENT APPLICATION NUMBER: US/09/032,894
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,980
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 71
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-032-894-71

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTGCGCGGTGATGA 511
DB 5 GGTGCGCGGTGATGA 20

RESULT 517
US-09-032-894-73/c
;; Sequence 73, Application US/09032894
;; Patent No. 6130041
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; TITLE OF INVENTION: SR-B1 NUCLEIC ACIDS AND USES THEREFOR
;; FILE REFERENCE: MIA-005.03
;; CURRENT APPLICATION NUMBER: US/09/032,894
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,980
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 73
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-032-894-73

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTGCGCGGTGATGA 511
DB 16 GGTGCGCGGTGATGA 1

RESULT 518
US-09-031-626-71
;; Sequence 71, Application US/09031626
;; Patent No. 6228581
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; APPLICANT: Ordoval, Jose M.
;; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
;; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
;; FILE REFERENCE: MIA-005.04
;; CURRENT APPLICATION NUMBER: US/09/031,626
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,979
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 71
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-031-626-71

Query Match 0.8%; Score 11.2; DB 1; Length 20;

Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTGCGCGGTGATGA 511
DB 5 GGTGCGCGGTGATGA 20

RESULT 519
US-09-031-626-73/c
;; Sequence 73, Application US/09031626
;; Patent No. 6228581
;; GENERAL INFORMATION:
;; APPLICANT: Acton, Susan L.
;; APPLICANT: Ordoval, Jose M.
;; TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
;; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS
;; FILE REFERENCE: MIA-005.04
;; CURRENT APPLICATION NUMBER: US/09/031,626
;; CURRENT FILING DATE: 1998-02-27
;; EARLIER APPLICATION NUMBER: 08/890,979
;; EARLIER FILING DATE: 1997-07-10
;; NUMBER OF SEQ ID NOS: 121
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 73
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Human
US-09-031-626-73

Query Match 0.8%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 496 GGTGCGCGGTGATGA 511
DB 16 GGTGCGCGGTGATGA 1

RESULT 520
US-08-974-549A-468/c
;; Sequence 468, Application US/08974549A
;; Patent No. 6165178
;; GENERAL INFORMATION:
;; APPLICANT: Cech, Thomas R.
;; APPLICANT: Lingner, Joachim
;; APPLICANT: Nakamura, Toru
;; APPLICANT: Chapman, Karen B.
;; APPLICANT: Morin, Gregg B.
;; APPLICANT: Harley, Calvin B.
;; APPLICANT: Andrews, William H.
;; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
;; NUMBER OF SEQUENCES: 727
;; CORRESPONDENCE ADDRESS:
;; ADDRESSER: Townsend and Townsend and Crew LLP
;; STREET: Two Embarcadero Center, Eighth Floor
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94111-3834
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/974,549A
;; FILING DATE: 19-NOV-1997
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/724,643
;; FILING DATE: 01-OCT-1996
;; PRIOR APPLICATION DATA:

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: APPLICATION NUMBER: US 08/844,419
: FILING DATE: 18-APR-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/846,017
: FILING DATE: 25-APR-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/851,843
: FILING DATE: 06-MAY-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/854,050
: FILING DATE: 09-MAY-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/911,312
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/912,951
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/915,503
: FILING DATE: 14-AUG-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/US97/17618
: FILING DATE: 01-OCT-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/US97/17885
: FILING DATE: 01-OCT-1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Apple, Randolph Ted
: REGISTRATION NUMBER: 36,429
: REFERENCE/DOCKET NUMBER: 015389-002610US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 468:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: FEATURE:
: NAME/KEY: -
: LOCATION: 1..21
: OTHER INFORMATION: /note= "K320 primer"
: US-08-974-549A-468

Query Match          0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1575 TGTGCTGCAGCAGCA 1590
DB      18  TGCACGACGACGACCA 3

RESULT 521
US-08-912-951-235/c
: Sequence 235, Application US/08912951
: Patent No. 6475789
: GENERAL INFORMATION:
: APPLICANT: Cech, Thomas R.
: APPLICANT: Lingner, Joachim
: APPLICANT: Nakamura, Toru
: APPLICANT: Chapman, Karen B.
: APPLICANT: Morin, Gregg B.
: APPLICANT: Harley, Cathi
: APPLICANT: Andrews, William H.
: TITLE OF INVENTION: HUMAN TETROMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
: TITLE OF INVENTION: THERAPEUTIC METHODS
: NUMBER OF SEQUENCES: 335
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, 8th Floor
```

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: CITY: San Francisco
: STATE: California
: COUNTRY: United States of America
: ZIP: 94111
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/912,951
: FILING DATE: 14-AUG-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/854,050
: FILING DATE: 09-MAY-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/851,843
: FILING DATE: 06-MAY-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/846,017
: FILING DATE: 25-APR-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/844,419
: FILING DATE: 18-APR-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/724,643
: FILING DATE: 01-OCT-1996
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Apple, Randolph T.
: REGISTRATION NUMBER: 36,429
: REFERENCE/DOCKET NUMBER: 015389-002600US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 235:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 21 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA
: US-08-912-951-235

Query Match          0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1575 TGTGCTGCAGCAGCA 1590
DB      18  TGCACGACGACGACCA 3

RESULT 522
US-09-357-072-57/c
: Sequence 57, Application US/09357072
: Patent No. 6015712
: GENERAL INFORMATION:
: APPLICANT: Brett P. Monia
: APPLICANT: Brenda F. Baker
: APPLICANT: Hong Zhang
: APPLICANT: Lex M. Cowsett
: TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
: FILE REFERENCE: RTS-0027
: CURRENT APPLICATION NUMBER: US/09/357,072
: CURRENT FILING DATE: 1999-07-19
: NUMBER OF SEQ ID NOS: 87
: SEQ ID NO 57
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-57

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Query Match	0.8%	Score 11;	DB 1;	Length 20;
Best Local Similarity	73.7%	Pred. No. 5.1e+02;		
Matches 14; Conservative	0;	Mismatches 5;	Indels 0;	Gaps 0;

Qy	666	CCCC	TTCA	AGGACA	AGTTC	684
Db	20	CCCCG	CCATG	ACCCG	TTC	2

RESULT 523
US-07-955-

US-07-955-041-7/c
; Sequence 7, Application US/07955041
; Patent No. 5360733

1 APPLICANT: FUKUDA, MINORU
 2 APPLICANT: BIERHUIZEN, MARTI PA
 3 TITLE OF INVENTION: A NOVEL BETAL-6
 4 TITLE OF INVENTION: N-ACETYLGLUCOSAMINYLTRANSFERASE, ITS ACCEPTOR MOLECULE
 5 TITLE OF INVENTION: LEUCOSTALIN AND A METHOD FOR CLONING PROTEINS HAVING
 6 TITLE OF INVENTION: ENZYMATIC ACTIVITY
 7 NUMBER OF SEQUENCES: 8
 8 CORRESPONDENCE ADDRESS:
 9
 10

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: COMPUTER READABLE FORM:
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: MEDIUM TYPE: Floppy disk
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: COMPUTER: IBM PC compatible
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: OPERATING SYSTEM: PC-DOS/MS-DOS
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: SOFTWARE: Patent in Release #1.0, Version #1.25
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: CURRENT APPLICATION DATA:
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: APPLICATION NUMBER: US/07/955,041
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: FILING DATE: 19921001
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? INFORMATION FOR SEQ ID NO: 7
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? SEQUENCE CHARACTERISTICS:
?     LENGTH: 15 base pairs
?     TYPE: NUCLEIC ACID
?     STRANDEDNESS: single
?     TOPOLOGY: linear
?     MOLECULE TYPE: protein
?     REAGENT TYPE: internal
?     FEATURE:

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; NAME/KEY: CDS
; LOCATION: 1..15
; OTHER INFORMATION:
; OTHER INFORMATION: /note="PROTEIN A - C2GNT FUSION
US-07-955-041-7 PROTEIN"

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Query Match	0.8%	Score 10.8;	DB 1;	Length 15;
Best Local Similarity	85.7%;	Pred. No. 2.7e+02;		
Matches 12; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

Oy	1199	TCACGGGATCC	1212
Db	14	TCACGGGATCC	1

RESULT 524
US-08-227-455-7/c
; Sequence 7, Application US/08227455
; Patent No. 5624832

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1  COMPUTER READABLE FORM:
2  MEDIUM TYPE: Floppy disk
3  COMPUTER: IBM PC compatible
4  OPERATING SYSTEM: PC-DOS/MS-DOS
5  SOFTWARE: Patent in Release #1.0, Version #1.25
6  CURRENT APPLICATION DATA:
7  APPLICATION NUMBER: US/08/227,455
8  FILING DATE: 14-APR-1994
9  CLASSIFICATION: A2E

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: SEQUENCE CHARACTERISTICS:
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: LENGTH: 15 base pairs
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: TYPE: nucleic acid
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: STRANDEDNESS: single
:
: TOPOLOGY: linear
:
: MOLECULE TYPE: protein
:
: FRAGMENT TYPE: internal
:
: FEATURE:
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: NAME/KEY: CDS
: LOCATION: 1..15
: OTHER INFORMATION: /note= "PROTEIN A - C2GNT FUSION
: OTHER INFORMATION: PROTEIN"
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US-08-227-455--7

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Query Match	0.8%	Score 10.8;	DB 1;	Length 15;
Best Local Similarity	85.7%	Pred. NO. 2.7e+02;		
Matches 12; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	1199	TCACGGGAATCCCC	1212
Db	14	TCAGGGGAATTCCC	1

Search completed: December 17, 2003, 11:21:18
Job time : 10 secs

C 107	15	1.1	21	1	AR091654	ACCESSION:AR091654	180	14.2	1.0	20	1	AR203109	ACCESSION:AR203109
C 108	15	1.1	21	1	AR243442	ACCESSION:AR243442	181	14.2	1.0	20	1	AR208773	ACCESSION:AR208773
C 109	15	1.1	21	1	AX113456	ACCESSION:AX113456	182	14.2	1.0	20	1	AR217884	ACCESSION:AR217884
C 110	15	1.1	21	1	AX113591	ACCESSION:AX113591	183	14.2	1.0	20	1	AR221444	ACCESSION:AR221444
C 111	15	1.1	21	1	BD011172	ACCESSION:BD011172	184	14.2	1.0	20	1	AR221468	ACCESSION:AR221468
C 112	15	1.1	21	1	AX71164	ACCESSION:AX71164	185	14.2	1.0	20	1	AR300657	ACCESSION:AR300657
C 113	14.8	1.0	18	1	I78713	ACCESSION:I78713	186	14.2	1.0	20	1	AR307936	ACCESSION:AR307936
C 114	14.8	1.0	19	1	AR297776	ACCESSION:AR297776	187	14.2	1.0	20	1	AR307953	ACCESSION:AR307953
C 115	14.8	1.0	19	1	AX132154	ACCESSION:AX132154	188	14.2	1.0	20	1	AX020034	ACCESSION:AX020034
C 116	14.8	1.0	19	1	AX32154	ACCESSION:AX32154	189	14.2	1.0	20	1	AX020073	ACCESSION:AX020073
C 117	14.8	1.0	20	1	AR018010	ACCESSION:AR018010	190	14.2	1.0	20	1	AX020673	ACCESSION:AX020673
C 118	14.8	1.0	20	1	AR018011	ACCESSION:AR018011	191	14.2	1.0	20	1	AX061801	ACCESSION:AX061801
C 119	14.8	1.0	20	1	AR018012	ACCESSION:AR018012	192	14.2	1.0	20	1	AX180388	ACCESSION:AX180388
C 120	14.8	1.0	20	1	AR095184	ACCESSION:AR095184	193	14.2	1.0	20	1	AX293011	ACCESSION:AX293011
C 121	14.8	1.0	20	1	AR095185	ACCESSION:AR095185	194	14.2	1.0	20	1	AX297126	ACCESSION:AX297126
C 122	14.8	1.0	20	1	AR095186	ACCESSION:AR095186	195	14.2	1.0	20	1	AX298809	ACCESSION:AX298809
C 123	14.8	1.0	20	1	AR107189	ACCESSION:AR107189	196	14.2	1.0	20	1	AX298836	ACCESSION:AX298836
C 124	14.8	1.0	20	1	AR107190	ACCESSION:AR107190	197	14.2	1.0	20	1	AX354307	ACCESSION:AX354307
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C 130	14.8	1.0	21	1	AX391937	ACCESSION:AX391937	203	14.2	1.0	20	1	BD006255	ACCESSION:BD006255
C 131	14.8	1.0	21	1	MM0459725	ACCESSION:MM0459725	204	14.2	1.0	20	1	BD073149	ACCESSION:BD073149
C 132	14.8	1.0	21	1	AX542224	ACCESSION:AX542224	205	14.2	1.0	20	1	BD074708	ACCESSION:BD074708
C 133	14.8	1.0	21	1	AX459725	ACCESSION:AX459725	206	14.2	1.0	20	1	BD128254	ACCESSION:BD128254
C 134	14.4	1.0	16	1	AR083065	ACCESSION:AR083065	207	14.2	1.0	20	1	BD167361	ACCESSION:BD167361
C 135	14.4	1.0	17	1	AR167922	ACCESSION:AR167922	208	14.2	1.0	20	1	BD171790	ACCESSION:BD171790
C 136	14.4	1.0	17	1	AR188517	ACCESSION:AR188517	209	14.2	1.0	20	1	BD178851	ACCESSION:BD178851
C 137	14.4	1.0	17	1	AX215228	ACCESSION:AX215228	210	14.2	1.0	20	1	E13817	ACCESSION:E13817
C 138	14.4	1.0	17	1	AX215229	ACCESSION:AX215229	211	14.2	1.0	20	1	E32534	ACCESSION:E32534
C 139	14.4	1.0	17	1	AX499163	ACCESSION:AX499163	212	14.2	1.0	20	1	I26413	ACCESSION:I26413
C 140	14.4	1.0	17	1	AX688604	ACCESSION:AX688604	213	14.2	1.0	20	1	186612	ACCESSION:186612
C 141	14.4	1.0	17	1	AX688729	ACCESSION:AX688729	214	14.2	1.0	20	1	DOGALB	ACCESSION:DOGALB
C 142	14.4	1.0	17	1	AX688730	ACCESSION:AX688730	215	14.2	1.0	20	1	AR104205	ACCESSION:AR104205
C 143	14.4	1.0	17	1	AX688731	ACCESSION:AX688731	216	14.2	1.0	20	1	AX215227	ACCESSION:AX215227
C 144	14.4	1.0	17	1	AX688733	ACCESSION:AX688733	217	14.2	1.0	20	1	AX499164	ACCESSION:AX499164
C 145	14.4	1.0	17	1	AX688735	ACCESSION:AX688735	218	14.2	1.0	20	1	AX499165	ACCESSION:AX499165
C 146	14.4	1.0	17	1	AX688737	ACCESSION:AX688737	219	14.2	1.0	20	1	AX579547	ACCESSION:AX579547
C 147	14.4	1.0	17	1	AX688739	ACCESSION:AX688739	220	14.2	1.0	20	1	AX579826	ACCESSION:AX579826
C 148	14.4	1.0	18	1	AX599446	ACCESSION:AX599446	221	14.2	1.0	20	1	BD086289	ACCESSION:BD086289
C 149	14.4	1.0	18	1	AX412021	ACCESSION:AX412021	222	14.2	1.0	20	1	BD088752	ACCESSION:BD088752
C 150	14.4	1.0	19	1	AX527791	ACCESSION:AX527791	223	14.2	1.0	20	1	AR067198	ACCESSION:AR067198
C 151	14.4	1.0	19	1	AX686090	ACCESSION:AX686090	224	14.2	1.0	20	1	AX118043	ACCESSION:AX118043
C 152	14.4	1.0	20	1	AR315921	ACCESSION:AR315921	225	14.2	1.0	20	1	AR129715	ACCESSION:AR129715
C 153	14.4	1.0	20	1	AX114458	ACCESSION:AX114458	226	14.2	1.0	20	1	AR193161	ACCESSION:AR193161
C 154	14.4	1.0	20	1	AX135955	ACCESSION:AX135955	227	14.2	1.0	20	1	AX597497	ACCESSION:AX597497
C 155	14.4	1.0	20	1	AX598337	ACCESSION:AX598337	228	14.2	1.0	20	1	A34246	ACCESSION:A34246
C 156	14.4	1.0	20	1	AX62813	ACCESSION:AX62813	229	14.2	1.0	20	1	A6775	ACCESSION:A6775
C 157	14.4	1.0	20	1	AX62813	ACCESSION:AX62813	230	14.2	1.0	20	1	AR096482	ACCESSION:AR096482
C 158	14.4	1.0	20	1	E50262	ACCESSION:E50262	231	14.2	1.0	20	1	AR243455	ACCESSION:AR243455
C 159	14.4	1.0	20	1	E50262	ACCESSION:E50262	232	14.2	1.0	20	1	AX215977	ACCESSION:AX215977
C 160	14.4	1.0	20	1	I29985	ACCESSION:I29985	233	14.2	1.0	20	1	AX215978	ACCESSION:AX215978
C 161	14.4	1.0	20	1	I88640	ACCESSION:I88640	234	14.2	1.0	20	1	AX226869	ACCESSION:AX226869
C 162	14.4	1.0	20	1	HIM624UVA	ACCESSION:HIM624UVA	235	14.2	1.0	20	1	AX226870	ACCESSION:AX226870
C 163	14.2	1.0	19	1	A92487	ACCESSION:A92487	236	14.2	1.0	20	1	AX226871	ACCESSION:AX226871
C 164	14.2	1.0	19	1	AX548431	ACCESSION:AX548431	237	14.2	1.0	20	1	AX226872	ACCESSION:AX226872
C 165	14.2	1.0	19	1	AX742614	ACCESSION:AX742614	238	14.2	1.0	20	1	AX226873	ACCESSION:AX226873
C 166	14.2	1.0	19	1	AX742614	ACCESSION:AX742614	239	14.2	1.0	20	1	AX226874	ACCESSION:AX226874
C 167	14.2	1.0	20	1	AR036622	ACCESSION:AR036622	240	14.2	1.0	20	1	AX226875	ACCESSION:AX226875
C 168	14.2	1.0	20	1	AR072302	ACCESSION:AR072302	241	14.2	1.0	20	1	AX226876	ACCESSION:AX226876
C 169	14.2	1.0	20	1	AR079642	ACCESSION:AR079642	242	14.2	1.0	20	1	AX226877	ACCESSION:AX226877
C 170	14.2	1.0	20	1	AR102405	ACCESSION:AR102405	243	14.2	1.0	20	1	AX226878	ACCESSION:AX226878
C 171	14.2	1.0	20	1	AR116543	ACCESSION:AR116543	244	14.2	1.0	20	1	AX226879	ACCESSION:AX226879
C 172	14.2	1.0	20	1	AR116551	ACCESSION:AR116551	245	14.2	1.0	20	1	AX226880	ACCESSION:AX226880
C 173	14.2	1.0	20	1	AR130115	ACCESSION:AR130115	246	14.2	1.0	20	1	AX226881	ACCESSION:AX226881
C 174	14.2	1.0	20	1	AR136393	ACCESSION:AR136393	247	14.2	1.0	20	1	AX226882	ACCESSION:AX226882
C 175	14.2	1.0	20	1	AR136425	ACCESSION:AR136425	248	14.2	1.0	20	1	AX226883	ACCESSION:AX226883
C 176	14.2	1.0	20	1	AR144303	ACCESSION:AR144303	249	14.2	1.0	20	1	AX226884	ACCESSION:AX226884
C 177	14.2	1.0	20	1	AR201440	ACCESSION:AR201440	250	14.2	1.0	20	1	AX226885	ACCESSION:AX226885
C 178	14.2	1.0	20	1	AR203108	ACCESSION:AR203108	251	14.2	1.0	20	1	AX226886	ACCESSION:AX226886
C 179	14.2	1.0	20	1	AR203108	ACCESSION:AR203108	252	14.2	1.0	20	1	AX226887	ACCESSION:AX226887

253	13.8	1.0	17	1	BD088644	ACCESSION:BD088644	C 326	13.2	0.9	18	1	AX718711	ACCESSION:AX718711
C 254	13.8	1.0	17	1	E36934	ACCESSION:E36934	C 327	13.2	0.9	18	1	AX718716	ACCESSION:AX718716
C 255	13.8	1.0	17	1	167732	ACCESSION:167732	C 328	13.2	0.9	18	1	AX721028	ACCESSION:AX721028
C 256	13.8	1.0	17	1	AB069281	ACCESSION:AB069281	C 329	13.2	0.9	18	1	BD000045	ACCESSION:BD000045
C 257	13.8	1.0	18	1	AR098374	ACCESSION:AR098374	C 330	13.2	0.9	18	1	BD087998	ACCESSION:BD087998
C 258	13.8	1.0	18	1	AR130064	ACCESSION:AR130064	C 331	13.2	0.9	18	1	BD089460	ACCESSION:BD089460
C 259	13.8	1.0	18	1	AR174208	ACCESSION:AR174208	C 332	13.2	0.9	18	1	BD133656	ACCESSION:BD133656
C 260	13.8	1.0	18	1	AR194762	ACCESSION:AR194762	C 333	13.2	0.9	18	1	BD135734	ACCESSION:BD135734
C 261	13.8	1.0	18	1	AR200107	ACCESSION:AR200107	C 334	13.2	0.9	18	1	BD161000	ACCESSION:BD161000
C 262	13.8	1.0	18	1	AX025023	ACCESSION:AX025023	C 335	13.2	0.9	18	1	BD167495	ACCESSION:BD167495
C 263	13.8	1.0	18	1	AX440529	ACCESSION:AX440529	C 336	13.2	0.9	18	1	BD176978	ACCESSION:BD176978
C 264	13.8	1.0	18	1	AX683709	ACCESSION:AX683709	C 337	13.2	0.9	18	1	BD178724	ACCESSION:BD178724
C 265	13.8	1.0	18	1	AX713237	ACCESSION:AX713237	C 338	13.2	0.9	18	1	126840	ACCESSION:BD178724
C 266	13.8	1.0	18	1	157024	ACCESSION:157024	C 339	13.2	0.9	18	1	191581	ACCESSION:126840
C 267	13.8	1.0	19	1	AR295607	ACCESSION:AR295607	C 340	13.2	0.9	18	1	AB067849	ACCESSION:191581
C 268	13.8	1.0	19	1	AX129174	ACCESSION:AX129174	C 341	13.2	0.9	18	1	AB068799	ACCESSION:AB067849
C 269	13.8	1.0	19	1	AX132153	ACCESSION:AX132153	C 342	13.2	0.9	18	1	AB068799	ACCESSION:AB068799
C 270	13.8	1.0	19	1	AX132407	ACCESSION:AX132407	C 343	13.2	0.9	18	1	AX419943	ACCESSION:AX419943
C 271	13.6	1.0	20	1	BD167361	ACCESSION:BD167361	C 344	13.2	0.9	16	1	AR098743	ACCESSION:AR098743
C 272	13.4	0.9	15	1	AR133621	ACCESSION:AR133621	C 345	13.2	0.9	17	1	AR104984	ACCESSION:AR104984
C 273	13.4	0.9	15	1	AX636234	ACCESSION:AX636234	C 346	13.2	0.9	17	1	AR145847	ACCESSION:AR145847
C 274	13.4	0.9	15	1	161740	ACCESSION:161740	C 347	13.2	0.9	17	1	AR154187	ACCESSION:AR154187
C 275	13.4	0.9	16	1	AX076025	ACCESSION:AX076025	C 348	13.2	0.9	17	1	AR175514	ACCESSION:AR175514
C 276	13.4	0.9	17	1	AR188516	ACCESSION:AR188516	C 349	13.2	0.9	17	1	AR179289	ACCESSION:AR179289
C 277	13.4	0.9	17	1	AR188518	ACCESSION:AR188518	C 350	13.2	0.9	17	1	AR302769	ACCESSION:AR302769
C 278	13.4	0.9	17	1	AX216067	ACCESSION:AX216067	C 351	13.2	0.9	17	1	AX210213	ACCESSION:AX210213
C 279	13.4	0.9	17	1	AX216293	ACCESSION:AX216293	C 352	13.2	0.9	17	1	AX215713	ACCESSION:AX215713
C 280	13.4	0.9	17	1	AX272672	ACCESSION:AX272672	C 353	13.2	0.9	17	1	AX216210	ACCESSION:AX216210
C 281	13.4	0.9	17	1	AX273006	ACCESSION:AX273006	C 354	13.2	0.9	17	1	AX216494	ACCESSION:AX216494
C 282	13.4	0.9	17	1	AX499160	ACCESSION:AX499160	C 355	13.2	0.9	17	1	AX216625	ACCESSION:AX216625
C 283	13.4	0.9	17	1	AX688602	ACCESSION:AX688602	C 356	13.2	0.9	17	1	AX421784	ACCESSION:AX421784
C 284	13.4	0.9	17	1	AX688728	ACCESSION:AX688728	C 357	13.2	0.9	17	1	AX421785	ACCESSION:AX421785
C 285	13.4	0.9	17	1	AX688734	ACCESSION:AX688734	C 358	13.2	0.9	17	1	AX421786	ACCESSION:AX421786
C 286	13.4	0.9	17	1	AX727130	ACCESSION:AX727130	C 359	13.2	0.9	17	1	AX422401	ACCESSION:AX422401
C 287	13.4	0.9	17	1	AX727130	ACCESSION:AX727130	C 360	13.2	0.9	17	1	AX422402	ACCESSION:AX422402
C 288	13.4	0.9	17	1	AX735651	ACCESSION:AX735651	C 361	13.2	0.9	17	1	AX499166	ACCESSION:AX499166
C 289	13.4	0.9	18	1	AR058208	ACCESSION:AR058208	C 362	13.2	0.9	17	1	AX578291	ACCESSION:AX578291
C 290	13.4	0.9	18	1	AR067361	ACCESSION:AR067361	C 363	13.2	0.9	17	1	AX579401	ACCESSION:AX579401
C 291	13.4	0.9	18	1	AR095383	ACCESSION:AR095383	C 364	13.2	0.9	17	1	AX673590	ACCESSION:AX673590
C 292	13.4	0.9	18	1	AR099355	ACCESSION:AR099355	C 365	13.2	0.9	17	1	AX727261	ACCESSION:AX727261
C 293	13.4	0.9	18	1	AR106968	ACCESSION:AR106968	C 366	13.2	0.9	17	1	AX728721	ACCESSION:AX728721
C 294	13.4	0.9	18	1	AR142361	ACCESSION:AR142361	C 367	13.2	0.9	17	1	B35291	ACCESSION:AX728721
C 295	13.4	0.9	18	1	AR181556	ACCESSION:AR181556	C 368	13.2	0.9	17	1	B35292	ACCESSION:AX728721
C 296	13.4	0.9	18	1	AR181596	ACCESSION:AR181596	C 369	13.2	0.9	18	1	AR076370	ACCESSION:AR076370
C 297	13.4	0.9	18	1	AR266208	ACCESSION:AR266208	C 370	13.2	0.9	18	1	AR106868	ACCESSION:AR106868
C 298	13.4	0.9	19	1	AR266208	ACCESSION:AR266208	C 371	13.2	0.9	18	1	AR106903	ACCESSION:AR106903
C 299	13.4	0.9	19	1	AR293097	ACCESSION:AR293097	C 372	13.2	0.9	18	1	AR137991	ACCESSION:AR137991
C 300	13.4	0.9	19	1	AX129899	ACCESSION:AX129899	C 373	13.2	0.9	18	1	AX119384	ACCESSION:AX119384
C 301	13.4	0.9	19	1	AX132156	ACCESSION:AX132156	C 374	13.2	0.9	16	1	AX357001	ACCESSION:AX357001
C 302	13.4	0.9	19	1	AX132157	ACCESSION:AX132157	C 375	12.8	0.9	16	1	AX2666	ACCESSION:AX357001
C 303	13.4	0.9	19	1	AX193678	ACCESSION:AX193678	C 376	12.8	0.9	16	1	AB88856	ACCESSION:AX2666
C 304	13.4	0.9	19	1	BD168189	ACCESSION:BD168189	C 377	12.8	0.9	16	1	AR057389	ACCESSION:AB88856
C 305	13.4	0.9	19	1	188039	ACCESSION:188039	C 378	12.8	0.9	16	1	AR115147	ACCESSION:AR057389
C 306	13.4	0.9	19	1	195652	ACCESSION:195652	C 379	12.8	0.9	16	1	AR243246	ACCESSION:AR115147
C 307	13.2	0.9	18	1	A30038	ACCESSION:A30038	C 380	12.8	0.9	16	1	AX634447	ACCESSION:AR243246
C 308	13.2	0.9	18	1	A46967	ACCESSION:A46967	C 381	12.8	0.9	16	1	BD066369	ACCESSION:AX634447
C 309	13.2	0.9	18	1	A46991	ACCESSION:A46991	C 382	12.8	0.9	17	1	AX688732	ACCESSION:BD066369
C 310	13.2	0.9	18	1	AR012022	ACCESSION:AR012022	C 383	12.8	0.9	17	1	AX688731	ACCESSION:AX688732
C 311	13.2	0.9	18	1	AR102336	ACCESSION:AR102336	C 384	12.8	0.9	17	1	A06306	ACCESSION:AX688731
C 312	13.2	0.9	18	1	AR102354	ACCESSION:AR102354	C 385	12.8	0.9	17	1	A84875	ACCESSION:A06306
C 313	13.2	0.9	18	1	AR106769	ACCESSION:AR106769	C 386	12.8	0.9	17	1	AR039631	ACCESSION:A84875
C 314	13.2	0.9	18	1	AR107112	ACCESSION:AR107112	C 387	12.8	0.9	17	1	AR045771	ACCESSION:AR039631
C 315	13.2	0.9	18	1	AR107113	ACCESSION:AR107113	C 388	12.8	0.9	17	1	AR045771	ACCESSION:AR045771
C 316	13.2	0.9	18	1	AR300592	ACCESSION:AR300592	C 389	12.8	0.9	17	1	AR046640	ACCESSION:AR045771
C 317	13.2	0.9	18	1	AR300593	ACCESSION:AR300593	C 390	12.8	0.9	17	1	AR147796	ACCESSION:AR046640
C 318	13.2	0.9	18	1	AX268101	ACCESSION:AX268101	C 391	12.8	0.9	17	1	AR173373	ACCESSION:AR147796
C 319	13.2	0.9	18	1	AX323725	ACCESSION:AX323725	C 392	12.8	0.9	17	1	AR186628	ACCESSION:AR173373
C 320	13.2	0.9	18	1	AX391653	ACCESSION:AX391653	C 393	12.8	0.9	17	1	AR192425	ACCESSION:AR186628
C 321	13.2	0.9	18	1	AX391802	ACCESSION:AX391802	C 394	12.8	0.9	17	1	AR192425	ACCESSION:AR192425
C 322	13.2	0.9	18	1	AX453148	ACCESSION:AX453148	C 395	12.8	0.9	17	1	AR196291	ACCESSION:AR192425
C 323	13.2	0.9	18	1	AX453810	ACCESSION:AX453810	C 396	12.8	0.9	17	1	AX099953	ACCESSION:AR196291
C 324	13.2	0.9	18	1	AX697399	ACCESSION:AX697399	C 397	12.8	0.9	17	1	AX214582	ACCESSION:AX099953
C 325	13.2	0.9	18	1	AX711951	ACCESSION:AX711951	C 398	12.8	0.9	17	1	AX215437	ACCESSION:AX214582

C 399	12.8	0.9	17	1	AX215516	ACCESSION:AX215516	C 472	12.8	0.9	18	1	AR035180	ACCESSION:AR035180
C 400	12.8	0.9	17	1	AX215976	ACCESSION:AX215976	C 473	12.8	0.9	18	1	AR042524	ACCESSION:AR042524
C 401	12.8	0.9	17	1	AX216158	ACCESSION:AX216158	C 474	12.8	0.9	18	1	AR058404	ACCESSION:AR058404
C 402	12.8	0.9	17	1	AX218216	ACCESSION:AX218216	C 475	12.8	0.9	18	1	AR083096	ACCESSION:AR083096
C 403	12.8	0.9	17	1	AX226916	ACCESSION:AX226916	C 476	12.8	0.9	18	1	AR084526	ACCESSION:AR084526
C 404	12.8	0.9	17	1	AX227231	ACCESSION:AX227231	C 477	12.8	0.9	18	1	AR084527	ACCESSION:AR084527
C 405	12.8	0.9	17	1	AX227232	ACCESSION:AX227232	C 478	12.8	0.9	18	1	AR085593	ACCESSION:AR085593
C 406	12.8	0.9	17	1	AX227407	ACCESSION:AX227407	C 479	12.8	0.9	18	1	AR088230	ACCESSION:AR088230
C 407	12.8	0.9	17	1	AX250512	ACCESSION:AX250512	C 480	12.8	0.9	18	1	AR092871	ACCESSION:AR092871
C 408	12.8	0.9	17	1	AX272586	ACCESSION:AX272586	C 481	12.8	0.9	18	1	AR098347	ACCESSION:AR098347
C 409	12.8	0.9	17	1	AX319358	ACCESSION:AX319358	C 482	12.8	0.9	18	1	AR098767	ACCESSION:AR098767
C 410	12.8	0.9	17	1	AX325921	ACCESSION:AX325921	C 483	12.8	0.9	18	1	AR106952	ACCESSION:AR106952
C 411	12.8	0.9	17	1	AX325922	ACCESSION:AX325922	C 484	12.8	0.9	18	1	AR147446	ACCESSION:AR147446
C 412	12.8	0.9	17	1	AX423713	ACCESSION:AX423713	C 485	12.8	0.9	18	1	AR172136	ACCESSION:AR172136
C 413	12.8	0.9	17	1	AX475122	ACCESSION:AX475122	C 486	12.8	0.9	18	1	AR174181	ACCESSION:AR174181
C 414	12.8	0.9	17	1	AX475123	ACCESSION:AX475123	C 487	12.8	0.9	18	1	AR189007	ACCESSION:AR189007
C 415	12.8	0.9	17	1	AX475143	ACCESSION:AX475143	C 488	12.8	0.9	18	1	AR196126	ACCESSION:AR196126
C 416	12.8	0.9	17	1	AX475144	ACCESSION:AX475144	C 489	12.8	0.9	18	1	AR200500	ACCESSION:AR200500
C 417	12.8	0.9	17	1	AX494845	ACCESSION:AX494845	C 490	12.8	0.9	18	1	AR211098	ACCESSION:AR211098
C 418	12.8	0.9	17	1	AX500279	ACCESSION:AX500279	C 491	12.8	0.9	18	1	AR274633	ACCESSION:AR274633
C 419	12.8	0.9	17	1	AX500279	ACCESSION:AX500279	C 492	12.8	0.9	18	1	AR295552	ACCESSION:AR295552
C 420	12.8	0.9	17	1	AX500280	ACCESSION:AX500280	C 493	12.8	0.9	18	1	AR295679	ACCESSION:AR295679
C 421	12.8	0.9	17	1	AX527121	ACCESSION:AX527121	C 494	12.8	0.9	18	1	AR296438	ACCESSION:AR296438
C 422	12.8	0.9	17	1	AX527123	ACCESSION:AX527123	C 495	12.8	0.9	18	1	AR298838	ACCESSION:AR298838
C 423	12.8	0.9	17	1	AX531966	ACCESSION:AX531966	C 496	12.8	0.9	18	1	AX005410	ACCESSION:AX005410
C 424	12.8	0.9	17	1	AX531967	ACCESSION:AX531967	C 497	12.8	0.9	18	1	AX039152	ACCESSION:AX039152
C 425	12.8	0.9	17	1	AX532585	ACCESSION:AX532585	C 498	12.8	0.9	18	1	AX134736	ACCESSION:AX134736
C 426	12.8	0.9	17	1	AX532586	ACCESSION:AX532586	C 499	12.8	0.9	18	1	AX234565	ACCESSION:AX234565
C 427	12.8	0.9	17	1	AX555517	ACCESSION:AX555517	C 500	12.8	0.9	18	1	AX250500	ACCESSION:AX250500
C 428	12.8	0.9	17	1	AX573352	ACCESSION:AX573352	C 501	12.8	0.9	18	1	AX301864	ACCESSION:AX301864
C 429	12.8	0.9	17	1	AX578332	ACCESSION:AX578332	C 502	12.8	0.9	18	1	AX356967	ACCESSION:AX356967
C 430	12.8	0.9	17	1	AX578333	ACCESSION:AX578333	C 503	12.8	0.9	18	1	AX468124	ACCESSION:AX468124
C 431	12.8	0.9	17	1	AX616051	ACCESSION:AX616051	C 504	12.8	0.9	18	1	AX599328	ACCESSION:AX599328
C 432	12.8	0.9	17	1	AX616888	ACCESSION:AX616888	C 505	12.8	0.9	18	1	AX599445	ACCESSION:AX599445
C 433	12.8	0.9	17	1	AX648951	ACCESSION:AX648951	C 506	12.8	0.9	18	1	AX705816	ACCESSION:AX705816
C 434	12.8	0.9	17	1	AX648953	ACCESSION:AX648953	C 507	12.8	0.9	18	1	AX718610	ACCESSION:AX718610
C 435	12.8	0.9	17	1	AX688218	ACCESSION:AX688218	C 508	12.8	0.9	18	1	AX734274	ACCESSION:AX734274
C 436	12.8	0.9	17	1	AX688219	ACCESSION:AX688219	C 509	12.8	0.9	18	1	BD022411	ACCESSION:BD022411
C 437	12.8	0.9	17	1	AX688609	ACCESSION:AX688609	C 510	12.8	0.9	18	1	BD065386	ACCESSION:BD065386
C 438	12.8	0.9	17	1	AX693065	ACCESSION:AX693065	C 511	12.8	0.9	18	1	BD103982	ACCESSION:BD103982
C 439	12.8	0.9	17	1	AX693066	ACCESSION:AX693066	C 512	12.8	0.9	18	1	BD165776	ACCESSION:BD165776
C 440	12.8	0.9	17	1	AX722388	ACCESSION:AX722388	C 513	12.8	0.9	18	1	BD6700	ACCESSION:BD6700
C 441	12.8	0.9	17	1	AX723615	ACCESSION:AX723615	C 514	12.8	0.9	18	1	B23737	ACCESSION:B23737
C 442	12.8	0.9	17	1	AX724146	ACCESSION:AX724146	C 515	12.8	0.9	18	1	B35235	ACCESSION:B35235
C 443	12.8	0.9	17	1	AX724851	ACCESSION:AX724851	C 516	12.8	0.9	18	1	B39166	ACCESSION:B39166
C 444	12.8	0.9	17	1	AX724986	ACCESSION:AX724986	C 517	12.8	0.9	18	1	B39800	ACCESSION:B39800
C 445	12.8	0.9	17	1	AX726777	ACCESSION:AX726777	C 518	12.8	0.9	18	1	B46259	ACCESSION:B46259
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C 447	12.8	0.9	17	1	AX728736	ACCESSION:AX728736	C 520	12.8	0.9	18	1	B66211	ACCESSION:B66211
C 448	12.8	0.9	17	1	AX729407	ACCESSION:AX729407	C 521	12.8	0.9	18	1	B74498	ACCESSION:B74498
C 449	12.8	0.9	17	1	AX729777	ACCESSION:AX729777	C 522	12.6	0.9	15	1	AX377093	ACCESSION:AX377093
C 450	12.8	0.9	17	1	AX730229	ACCESSION:AX730229	C 523	12.4	0.9	14	1	AX419945	ACCESSION:AX419945
C 451	12.8	0.9	17	1	AX730853	ACCESSION:AX730853	C 524	12.4	0.9	15	1	AR033598	ACCESSION:AR033598
C 452	12.8	0.9	17	1	AX731672	ACCESSION:AX731672	C 525	12.4	0.9	15	1	AR041422	ACCESSION:AR041422
C 453	12.8	0.9	17	1	AX733164	ACCESSION:AX733164	C 526	12.4	0.9	15	1	AR056147	ACCESSION:AR056147
C 454	12.8	0.9	17	1	AX735417	ACCESSION:AX735417	C 527	12.4	0.9	15	1	AR113420	ACCESSION:AR113420
C 455	12.8	0.9	17	1	AX736063	ACCESSION:AX736063	C 528	12.4	0.9	15	1	AR113905	ACCESSION:AR113905
C 456	12.8	0.9	17	1	AX736421	ACCESSION:AX736421	C 529	12.4	0.9	15	1	AR180441	ACCESSION:AR180441
C 457	12.8	0.9	17	1	AX737740	ACCESSION:AX737740	C 530	12.4	0.9	15	1	AX057554	ACCESSION:AX057554
C 458	12.8	0.9	17	1	AX739703	ACCESSION:AX739703	C 531	12.4	0.9	15	1	AX085033	ACCESSION:AX085033
C 459	12.8	0.9	17	1	BD104205	ACCESSION:BD104205	C 532	12.4	0.9	15	1	AX104861	ACCESSION:AX104861
C 460	12.8	0.9	17	1	BD104545	ACCESSION:BD104545	C 533	12.4	0.9	15	1	AX547914	ACCESSION:AX547914
C 461	12.8	0.9	17	1	152823	ACCESSION:152823	C 534	12.4	0.9	15	1	AX633177	ACCESSION:AX633177
C 462	12.8	0.9	17	1	153692	ACCESSION:153692	C 535	12.4	0.9	15	1	AX636045	ACCESSION:AX636045
C 463	12.8	0.9	18	1	A26385	ACCESSION:A26385	C 536	12.4	0.9	15	1	AX636902	ACCESSION:AX636902
C 464	12.8	0.9	18	1	A29086	ACCESSION:A29086	C 537	12.4	0.9	15	1	BD013390	ACCESSION:BD013390
C 465	12.8	0.9	18	1	A33096	ACCESSION:A33096	C 538	12.4	0.9	15	1	BD178528	ACCESSION:BD178528
C 466	12.8	0.9	18	1	A57275	ACCESSION:A57275	C 539	12.4	0.9	15	1	157827	ACCESSION:157827
C 467	12.8	0.9	18	1	A87873	ACCESSION:A87873	C 540	12.4	0.9	15	1	161551	ACCESSION:161551
C 468	12.8	0.9	18	1	A89840	ACCESSION:A89840	C 541	12.4	0.9	15	1	S65223	ACCESSION:S65223
C 469	12.8	0.9	18	1	AR009524	ACCESSION:AR009524	C 542	12.4	0.9	16	1	AR8489	ACCESSION:AR8489
C 470	12.8	0.9	18	1	AR013910	ACCESSION:AR013910	C 543	12.4	0.9	16	1	AR90456	ACCESSION:AR90456
C 471	12.8	0.9	18	1	AR033864	ACCESSION:AR033864	C 544	12.4	0.9	16	1		

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C 546	12.4	0.9	16	1	AX252970	ACCESSION:AX252970	c 619	12.4	0.9	17	1	AX732254	ACCESSION:AX732254
C 547	12.4	0.9	16	1	BD060002	ACCESSION:BD060002	c 620	12.4	0.9	17	1	AX732290	ACCESSION:AX732290
548	12.4	0.9	16	1	BD104144	ACCESSION:BD104144	c 621	12.4	0.9	17	1	AX733188	ACCESSION:AX733188
549	12.4	0.9	16	1	E33197	ACCESSION:E33197	c 622	12.4	0.9	17	1	AX735031	ACCESSION:AX735031
C 550	12.4	0.9	16	1	I34993	ACCESSION:I34993	c 623	12.4	0.9	17	1	AX735249	ACCESSION:AX735249
C 551	12.4	0.9	17	1	AX688733	ACCESSION:AX688733	c 624	12.4	0.9	17	1	AX736325	ACCESSION:AX736325
C 552	12.4	0.9	17	1	AX688734	ACCESSION:AX688734	c 625	12.4	0.9	17	1	AX736413	ACCESSION:AX736413
C 553	12.4	0.9	17	1	A25093	ACCESSION:A25093	c 626	12.4	0.9	17	1	AX737475	ACCESSION:AX737475
C 554	12.4	0.9	17	1	A25094	ACCESSION:A25094	c 627	12.4	0.9	17	1	AX737849	ACCESSION:AX737849
555	12.4	0.9	17	1	AR039547	ACCESSION:AR039547	c 628	12.4	0.9	17	1	AX737940	ACCESSION:AX737940
556	12.4	0.9	17	1	AR039549	ACCESSION:AR039549	c 629	12.4	0.9	17	1	AX738928	ACCESSION:AX738928
557	12.4	0.9	17	1	AR039629	ACCESSION:AR039629	c 630	12.4	0.9	17	1	BD105192	ACCESSION:BD105192
558	12.4	0.9	17	1	AR039765	ACCESSION:AR039765	c 631	12.4	0.9	17	1	I38731	ACCESSION:I38731
559	12.4	0.9	17	1	AR039767	ACCESSION:AR039767	c 632	12.4	0.9	17	1	I38732	ACCESSION:I38732
C 560	12.4	0.9	17	1	AR046766	ACCESSION:AR046766	c 633	12.4	0.9	17	1	I53818	ACCESSION:I53818
C 561	12.4	0.9	17	1	AR047298	ACCESSION:AR047298	c 634	12.4	0.9	17	1	I54350	ACCESSION:I54350
C 562	12.4	0.9	17	1	AR047770	ACCESSION:AR047770	c 635	12.4	0.9	17	1	I54822	ACCESSION:I54822
C 563	12.4	0.9	17	1	AR101659	ACCESSION:AR101659	c 636	12.4	0.9	17	1	I81340	ACCESSION:I81340
C 564	12.4	0.9	17	1	AR186630	ACCESSION:AR186630	c 637	12.4	0.9	17	1	I81341	ACCESSION:I81341
C 565	12.4	0.9	17	1	AR188515	ACCESSION:AR188515	c 638	12.2	0.9	17	1	AX739703	ACCESSION:AX739703
C 566	12.4	0.9	17	1	AR286414	ACCESSION:AR286414	c 639	12.2	0.9	17	1	A26686	ACCESSION:A26686
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C 569	12.4	0.9	17	1	AX214599	ACCESSION:AX214599	c 642	12.2	0.9	17	1	A89392	ACCESSION:A89392
C 570	12.4	0.9	17	1	AX214618	ACCESSION:AX214618	c 643	12.2	0.9	17	1	A97833	ACCESSION:A97833
C 571	12.4	0.9	17	1	AX215979	ACCESSION:AX215979	c 644	12.2	0.9	17	1	AR032101	ACCESSION:AR032101
C 572	12.4	0.9	17	1	AX216142	ACCESSION:AX216142	c 645	12.2	0.9	17	1	AR039743	ACCESSION:AR039743
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C 575	12.4	0.9	17	1	AX226887	ACCESSION:AX226887	c 648	12.2	0.9	17	1	AR040071	ACCESSION:AR040071
C 576	12.4	0.9	17	1	AX227504	ACCESSION:AX227504	c 649	12.2	0.9	17	1	AR046600	ACCESSION:AR046600
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582	12.4	0.9	17	1	AX422955	ACCESSION:AX422955	c 655	12.2	0.9	17	1	AR057795	ACCESSION:AR057795
583	12.4	0.9	17	1	AX422956	ACCESSION:AX422956	c 656	12.2	0.9	17	1	AR089198	ACCESSION:AR089198
C 584	12.4	0.9	17	1	AX475120	ACCESSION:AX475120	c 657	12.2	0.9	17	1	AR105854	ACCESSION:AR105854
C 585	12.4	0.9	17	1	AX475121	ACCESSION:AX475121	c 658	12.2	0.9	17	1	AR115553	ACCESSION:AR115553
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587	12.4	0.9	17	1	AX475212	ACCESSION:AX475212	c 660	12.2	0.9	17	1	AR156921	ACCESSION:AR156921
588	12.4	0.9	17	1	AX475214	ACCESSION:AX475214	c 661	12.2	0.9	17	1	AR181448	ACCESSION:AR181448
589	12.4	0.9	17	1	AX499159	ACCESSION:AX499159	c 662	12.2	0.9	17	1	AR186319	ACCESSION:AR186319
590	12.4	0.9	17	1	AX500281	ACCESSION:AX500281	c 663	12.2	0.9	17	1	AR186927	ACCESSION:AR186927
591	12.4	0.9	17	1	AX500282	ACCESSION:AX500282	c 664	12.2	0.9	17	1	AR186952	ACCESSION:AR186952
592	12.4	0.9	17	1	AX531289	ACCESSION:AX531289	c 665	12.2	0.9	17	1	AR187136	ACCESSION:AR187136
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594	12.4	0.9	17	1	AX531290	ACCESSION:AX531290	c 667	12.2	0.9	17	1	AR190100	ACCESSION:AR190100
595	12.4	0.9	17	1	AX531291	ACCESSION:AX531291	c 668	12.2	0.9	17	1	AR192209	ACCESSION:AR192209
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C 597	12.4	0.9	17	1	AX532084	ACCESSION:AX532084	c 670	12.2	0.9	17	1	AR192445	ACCESSION:AR192445
C 598	12.4	0.9	17	1	AX532085	ACCESSION:AX532085	c 671	12.2	0.9	17	1	AR195622	ACCESSION:AR195622
C 599	12.4	0.9	17	1	AX532086	ACCESSION:AX532086	c 672	12.2	0.9	17	1	AR210218	ACCESSION:AR210218
C 600	12.4	0.9	17	1	AX6732087	ACCESSION:AX6732087	c 673	12.2	0.9	17	1	AR254826	ACCESSION:AR254826
C 601	12.4	0.9	17	1	AX673240	ACCESSION:AX673240	c 674	12.2	0.9	17	1	AR286022	ACCESSION:AR286022
C 602	12.4	0.9	17	1	AX674389	ACCESSION:AX674389	c 675	12.2	0.9	17	1	AR286119	ACCESSION:AR286119
603	12.4	0.9	17	1	AX688216	ACCESSION:AX688216	c 676	12.2	0.9	17	1	AR306311	ACCESSION:AR306311
604	12.4	0.9	17	1	AX688217	ACCESSION:AX688217	c 677	12.2	0.9	17	1	AX076027	ACCESSION:AX076027
605	12.4	0.9	17	1	AX688601	ACCESSION:AX688601	c 678	12.2	0.9	17	1	AX088231	ACCESSION:AX088231
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C 612	12.4	0.9	17	1	AX723241	ACCESSION:AX723241	c 685	12.2	0.9	17	1	AX215500	ACCESSION:AX215500
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614	12.4	0.9	17	1	AX728153	ACCESSION:AX728153	c 687	12.2	0.9	17	1	AX215678	ACCESSION:AX215678
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C 617	12.4	0.9	17	1	AX730865	ACCESSION:AX730865	c 690	12.2	0.9	17	1		

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C 701	12.2	0.9	17	1	AX226742	ACCESSION:AX226742
C 702	12.2	0.9	17	1	AX226888	ACCESSION:AX226888
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C 704	12.2	0.9	17	1	AX227204	ACCESSION:AX227204
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C 706	12.2	0.9	17	1	AX227664	ACCESSION:AX227664
C 707	12.2	0.9	17	1	AX226268	ACCESSION:AX226268
C 708	12.2	0.9	17	1	AX226269	ACCESSION:AX226269
709	12.2	0.9	17	1	AX226276	ACCESSION:AX226276
C 710	12.2	0.9	17	1	AX226277	ACCESSION:AX226277
C 711	12.2	0.9	17	1	AX263544	ACCESSION:AX263544
C 712	12.2	0.9	17	1	AX263545	ACCESSION:AX263545
C 713	12.2	0.9	17	1	AX263756	ACCESSION:AX263756
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C 715	12.2	0.9	17	1	AX266691	ACCESSION:AX266691
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C 720	12.2	0.9	17	1	AX273073	ACCESSION:AX273073
C 721	12.2	0.9	17	1	AX24985	ACCESSION:AX24985
C 722	12.2	0.9	17	1	AX24986	ACCESSION:AX24986
C 723	12.2	0.9	17	1	AX25173	ACCESSION:AX25173
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C 727	12.2	0.9	17	1	AX325237	ACCESSION:AX325237
C 728	12.2	0.9	17	1	AX325238	ACCESSION:AX325238
C 729	12.2	0.9	17	1	AX325533	ACCESSION:AX325533
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C 731	12.2	0.9	17	1	AX326137	ACCESSION:AX326137
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C 733	12.2	0.9	17	1	AX402646	ACCESSION:AX402646
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C 735	12.2	0.9	17	1	AX422279	ACCESSION:AX422279
C 736	12.2	0.9	17	1	AX422344	ACCESSION:AX422344
737	12.2	0.9	17	1	AX422970	ACCESSION:AX422970
C 738	12.2	0.9	17	1	AX423384	ACCESSION:AX423384
C 739	12.2	0.9	17	1	AX423434	ACCESSION:AX423434
C 740	12.2	0.9	17	1	AX423498	ACCESSION:AX423498
741	12.2	0.9	17	1	AX423507	ACCESSION:AX423507
C 742	12.2	0.9	17	1	AX423529	ACCESSION:AX423529
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C 863	12.2	0.9	17	1	AX729587	ACCESSTION:AX729587	C 936	11.6	0.8	31	1	AR149225	ACCESSTION:AR149225
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C 893	12.2	0.9	17	1	AX739486	ACCESSTION:AX739486	C 966	11.2	0.8	21	1	BD011172	ACCESSTION:BD011172
C 894	12.2	0.9	17	1	AX739634	ACCESSTION:AX739634	C 967	11.2	0.8	20	1	E36921	ACCESSTION:E36921
C 895	12.2	0.9	17	1	AX739676	ACCESSTION:AX739676	C 968	11.2	0.8	20	1	BD178528	ACCESSTION:BD178528
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C 903	12.2	0.9	17	1	BD061905	ACCESSTION:BD061905	C 976	11	0.8	15	1		
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C 906	12.2	0.9	17	1	BD067523	ACCESSTION:BD067523	C 979	10.8	0.8	15	1		
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ALIGNMENTS

RESULT 1
LOCUS AR112204 34 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 93 from patent US 6130041.
ACCESSION AR112204
VERSION AR112204.1 GI:14092104
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 34)
TITLE Acton,S.Laurence.
HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR

JOURNAL
FEATURES Patent: US 6130041-A 93 10-OCT-2000;
LOCATION/QUALIFIERS
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Query Match 2.3%; Score 32.4; DB 1; Length 34;
Best Local Similarity 97.1%; Pred. No. 2.3;
Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CTTGTTCTCTCCCATCTCTCACTTCTCTCAAGC 1118
Db 1 CTTGTTCTCTCCCATCTCTCACTTCTCTCAAGC 34

RESULT 2
LOCUS AR149246 34 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 93 from patent US 6228581.
ACCESSION AR149246
VERSION AR149246.1 GI:15113837
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 34)
TITLE Acton,S.L. and Ordovas,J.M.
HUMAN INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR

JOURNAL
FEATURES Patent: US 6228581-A 93 08-MAY-2001;
LOCATION/QUALIFIERS
SOURCE 1..34
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RESULT 3
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DEFINITION Sequence 68 from patent US 5998141.
ACCESSION AR092044
VERSION AR092044.1 GI:10018798
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.Laurence.
INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR

JOURNAL Patent: US 5998141-A 68 07-DEC-1999;
FEATURES Location/Qualifiers
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RESULT 4
LOCUS AR092046 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 70 from patent US 5998141.
ACCESSION AR092046
VERSION AR092046.1 GI:10018800
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.Laurence.
INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR

JOURNAL
FEATURES Patent: US 5998141-A 70 07-DEC-1999;
LOCATION/QUALIFIERS
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Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1104 TCACTTCTCTCAAGCGGACCGGTTCTGCA 1134
Db 1 TCACTTCTCTCAAGCGGACCGGTTCTGCA 31

RESULT 5
LOCUS AR092048 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 72 from patent US 5998141.
ACCESSION AR092048
VERSION AR092048.1 GI:10018802
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLE Acton,S.Laurence.
INTRONIC AND POLYMORPHIC SR-BI NUCLEIC ACIDS AND USES THEREFOR

JOURNAL
FEATURES Patent: US 5998141-A 72 07-DEC-1999;
LOCATION/QUALIFIERS
SOURCE 1..31
/organism="unknown"

BASE COUNT 7 a 6 c 12 g 6 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1104 TCACTTCTCTCAAGCGGACCGGTTCTGCA 1134
Db 31 TCACTTCTCTCAAGCGGACCGGTTCTGCA 1

RESULT 6
LOCUS AR092050

LOCUS AR092050 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 74 from patent US 5938141.
ACCESSION AR092050
VERSION AR092050.1 GI:10018804
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5938141-A 74 07-DEC-1999;
FEATURES
SOURCE Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCATCAACGCCGACCGGTTCTGGCA 31
RESULT 7
LOCUS AR112179/c 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 68 from patent US 6130041.
ACCESSION AR112179
VERSION AR112179.1 GI:14092079
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 68 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1
RESULT 8
LOCUS AR112181 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 70 from patent US 6130041.
ACCESSION AR112181
VERSION AR112181.1 GI:14092081
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 70 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..31
/organism="unknown"

BASE COUNT 5 a 12 c 6 g 8 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31
RESULT 9
LOCUS AR112183/c 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 72 from patent US 6130041.
ACCESSION AR112183
VERSION AR112183.1 GI:14092083
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 72 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 7 a 6 c 12 g 6 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 31 TCACTTCATCAACGCCGACCGGTTCTGGCA 1
RESULT 10
LOCUS AR112185 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 74 from patent US 6130041.
ACCESSION AR112185
VERSION AR112185.1 GI:14092085
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 74 10-OCT-2000;
FEATURES
SOURCE Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
Db 1 TCACTTCATCAACGCCGACCGGTTCTGGCA 31
RESULT 11
LOCUS AR112220 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 109 from patent US 6130041.

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ACCESSION      AR112220
VERSION        AR112220.1  GI:14092120
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 31)
AUTHORS        Acton,S.Laurence.
TITLE          Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL        Patent: US 6130041-A 109 10-OCT-2000;
FEATURES
  source       1..31
               /organism="unknown"
BASE COUNT    10 a 11 c 5 g 5 t

Query Match
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
DB 1 GAGAGCGACTACATCATCATGCCCAACATCC 31

RESULT 12
LOCUS          AR149221 31 bp DNA linear PAT 08-AUG-2001
DEFINITION     Sequence 68 from patent US 6228581.
ACCESSION      AR149221
VERSION        AR149221.1  GI:15113812
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 31)
AUTHORS        Acton,S.L. and Ordovas,J.M.
TITLE          Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL        Patent: US 6228581-A 68 08-MAY-2001;
FEATURES
  source       1..31
               /organism="unknown"
BASE COUNT    8 a 6 c 12 g 5 t

Query Match
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 13
LOCUS          AR149223 31 bp DNA linear PAT 08-AUG-2001
DEFINITION     Sequence 70 from patent US 6228581.
ACCESSION      AR149223
VERSION        AR149223.1  GI:15113814
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 31)
AUTHORS        Acton,S.L. and Ordovas,J.M.
TITLE          Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL        Patent: US 6228581-A 70 08-MAY-2001;
FEATURES
  source       1..31
               /organism="unknown"
BASE COUNT    5 a 12 c 6 g 8 t

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Query Match
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 14
LOCUS          AR149225 31 bp DNA linear PAT 08-AUG-2001
DEFINITION     Sequence 72 from patent US 6228581.
ACCESSION      AR149225
VERSION        AR149225.1  GI:15113816
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 31)
AUTHORS        Acton,S.L. and Ordovas,J.M.
TITLE          Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL        Patent: US 6228581-A 72 08-MAY-2001;
FEATURES
  source       1..31
               /organism="unknown"
BASE COUNT    7 a 6 c 12 g 6 t

Query Match
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 31 TCACTTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 15
LOCUS          AR149227 31 bp DNA linear PAT 08-AUG-2001
DEFINITION     Sequence 74 from patent US 6228581.
ACCESSION      AR149227
VERSION        AR149227.1  GI:15113818
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unclassified.
REFERENCE      1 (bases 1 to 31)
AUTHORS        Acton,S.L. and Ordovas,J.M.
TITLE          Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL        Patent: US 6228581-A 74 08-MAY-2001;
FEATURES
  source       1..31
               /organism="unknown"
BASE COUNT    6 a 12 c 6 g 7 t

Query Match
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACGCCGACCGGTTCTGGCA 1134
DB 1 TCACTTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 16
LOCUS          AR149262 31 bp DNA linear PAT 08-AUG-2001
DEFINITION     Sequence 109 from patent US 6228581.
ACCESSION      AR149262

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VERSION AR149262.1 GI:15113853
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 109 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 10 a 11 c 5 g 5 t

Query Match 2.1%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 5.3;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 1 GAGAGCGACTACATCATCATGCCCAACATCC 31

RESULT 17
LOCUS AR112218 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 107 from patent US 6130041.
ACCESSION AR112218
VERSION AR112218.1 GI:14092118
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 107 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 11 g 9 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 18
LOCUS AR112222 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 111 from patent US 6130041.
ACCESSION AR112222
VERSION AR112222.1 GI:14092122
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 111 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 12 g 8 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 19
LOCUS AR149260 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 107 from patent US 6228581.
ACCESSION AR149260
VERSION AR149260.1 GI:15113851
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 107 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 11 g 9 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 20
LOCUS AR149264 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 111 from patent US 6228581.
ACCESSION AR149264
VERSION AR149264.1 GI:15113855
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 31)
TITLES Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 111 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..31
/organism="unknown"
BASE COUNT 6 a 5 c 12 g 8 t

Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 9.4;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
Db 31 GAGAGCGCTACATCATCATGCCCAACATCC 1

RESULT 21
LOCUS AR112219 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 108 from patent US 6130041.
ACCESSION AR112219
VERSION AR112219.1 GI:14092119

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KEYWORDS      .
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      Unclassified.
AUTHORS        1 (bases 1 to 21)
TITLES         Acton, S. Laurene.
               Human intronic and polymorphic SR-BI nucleic acids and uses
               therefor
JOURNAL        Patent: US 6130041-A 108 10-OCT-2000;
FEATURES       Location/Qualifiers
SOURCE         1..21
               /organism="unknown"
BASE COUNT     7 a      8 c      2 g      4 t

Query Match    1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 22
LOCUS          AR112223      21 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION     Sequence 112 from patent US 6130041.
ACCESSION      AR112223
VERSION         AR112223.1 GI:14092123
KEYWORDS       .
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      Unclassified.
AUTHORS        1 (bases 1 to 21)
TITLES         Acton, S. Laurene.
               Human intronic and polymorphic SR-BI nucleic acids and uses
               therefor
JOURNAL        Patent: US 6130041-A 112 10-OCT-2000;
FEATURES       Location/Qualifiers
SOURCE         1..21
               /organism="unknown"
BASE COUNT     6 a      9 c      2 g      4 t

Query Match    1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 23
LOCUS          AR149261      21 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION     Sequence 108 from patent US 6228581.
ACCESSION      AR149261
VERSION         AR149261.1 GI:15113852
KEYWORDS       .
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      Unclassified.
AUTHORS        1 (bases 1 to 21)
TITLES         Acton, S.L. and Ordovas, J.M.
               Human intronic and polymorphic SR-BI nucleic acids and uses
               therefor
JOURNAL        Patent: US 6228581-A 108 08-MAY-2001;
FEATURES       Location/Qualifiers
SOURCE         1..21
               /organism="unknown"
BASE COUNT     7 a      8 c      2 g      4 t

Query Match    1.4%; Score 19.4; DB 1; Length 21;

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Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 24
LOCUS          AR149265      21 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION     Sequence 112 from patent US 6228581.
ACCESSION      AR149265
VERSION         AR149265.1 GI:15113856
KEYWORDS       .
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      Unclassified.
AUTHORS        1 (bases 1 to 21)
TITLES         Acton, S.L. and Ordovas, J.M.
               Human intronic and polymorphic SR-BI nucleic acids and uses
               therefor
JOURNAL        Patent: US 6228581-A 112 08-MAY-2001;
FEATURES       Location/Qualifiers
SOURCE         1..21
               /organism="unknown"
BASE COUNT     6 a      9 c      2 g      4 t

Query Match    1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 66;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 25
LOCUS          AX690109      25 bp      DNA      linear      PAT 31-MAR-2003
DEFINITION     Sequence 2841 from Patent EP1281758.
ACCESSION      AX690109
VERSION         AX690109.1 GI:29412967
KEYWORDS       .
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
REFERENCE      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
               1
               Shannon, M., Gu, Y., and Nguyen, C.T.
               Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and
               mdx12
JOURNAL        Patent: EP 1281758-A 2841 05-FEB-2003;
FEATURES       Location/Qualifiers
SOURCE         1..25
               /organism="Homo sapiens"
               /mol_type="genomic DNA"
               /db_xref="taxon:9606"
BASE COUNT     3 a      7 c      10 g      5 t

Query Match    1.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 338 GGCCTACGTGTACAGGAGTCCAG 362
DB 1 GGCCTACGTGTACAGGAGTCCAG 25

RESULT 26
LOCUS          AX690110      25 bp      DNA      linear      PAT 31-MAR-2003

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DEFINITION Sequence 2842 from Patent EP1281758.
ACCESSION AX690110
VERSION AX690110.1 GI:29412968
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 2842 05-FEB-2003;
Aecmica, Inc. (US)
LOCATION/Qualifiers
FEATURES
SOURCE 1..25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 10 g 5 t
Query Match 1.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 84.0%; Pred.No.1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 339 GCCCTACGCTGACAGGAGTCACG 363
Db 1 GCCCTACGCTGACAGGAGTCGCTG 25
RESULT 27
LOCUS AR092043 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 67 from patent US 5998141.
ACCESSION AR092043
VERSION AR092043.1 GI:10018797
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton,S.Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 67 07-DEC-1999;
FEATURES
SOURCE 1..20
/organism="unknown"
BASE COUNT 5 a 4 c 8 g 3 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred.No.82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCCGACCCGGTT 1
RESULT 28
LOCUS AR092045 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 69 from patent US 5998141.
ACCESSION AR092045
VERSION AR092045.1 GI:10018799
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton,S.Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 69 07-DEC-1999;
FEATURES
LOCATION/Qualifiers

source 1..20
/organism="unknown"
BASE COUNT 3 a 8 c 4 g 5 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred.No.82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCCTCAACGCCGACCCGGTT 20
RESULT 29
LOCUS AR092047 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 71 from patent US 5998141.
ACCESSION AR092047
VERSION AR092047.1 GI:10018801
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton,S.Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 71 07-DEC-1999;
FEATURES
SOURCE 1..20
/organism="unknown"
BASE COUNT 4 a 4 c 8 g 4 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred.No.82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCCGACCCGGTT 1
RESULT 30
LOCUS AR092049 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 73 from patent US 5998141.
ACCESSION AR092049
VERSION AR092049.1 GI:10018803
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton,S.Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 73 07-DEC-1999;
FEATURES
SOURCE 1..20
/organism="unknown"
BASE COUNT 4 a 8 c 4 g 4 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred.No.82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCCTCAACGCCGACCCGGTT 20
RESULT 31
LOCUS AR112178 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 67 from patent US 6130041.

ACCESSION AR112178
VERSION AR112178.1 GI:14092078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 67 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
BASE COUNT 5 a 4 c 8 g 3 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCTGACCCGGTT 1

RESULT 32
AR112180
LOCUS AR112180 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 69 from patent US 6130041.
ACCESSION AR112180
VERSION AR112180.1 GI:14092080
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 69 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
BASE COUNT 3 a 8 c 4 g 5 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCCTCAACGCTGACCCGGTT 20

RESULT 33
AR112182/c
LOCUS AR112182 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 71 from patent US 6130041.
ACCESSION AR112182
VERSION AR112182.1 GI:14092082
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 71 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
BASE COUNT 4 a 4 c 8 g 4 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCTGACCCGGTT 1

RESULT 34
AR112184
LOCUS AR112184 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 73 from patent US 6130041.
ACCESSION AR112184
VERSION AR112184.1 GI:14092084
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6130041-A 73 10-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
BASE COUNT 4 a 8 c 4 g 4 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
Db 1 TCCTCAACGCTGACCCGGTT 20

RESULT 35
AR149220/c
LOCUS AR149220 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 67 from patent US 6228581.
ACCESSION AR149220
VERSION AR149220.1 GI:15113811
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton, S. L. and Ordovas, J. M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 67 08-MAY-2001;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
BASE COUNT 5 a 4 c 8 g 3 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
Db 20 TCCTCAACGCTGACCCGGTT 1

RESULT 36
AR149222
LOCUS AR149222 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 69 from patent US 6228581.
ACCESSION AR149222

VERSION AR149222.1 GI:15113813
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 69 08-MAY-2001;
FEATURES
SOURCE Location/Qualifiers
1. .20
/organism="unknown"
BASE COUNT 3 a 8 c 4 g 5 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1109 TCCTCAACGCCGACCCGGTT 1128
1 TCCTCAACGCCGACCCGGTT 20
Db 1 TCCTCAACGCCGACCCGGTT 20
RESULT 37
AR149224/c 20 bp DNA linear PAT 08-AUG-2001
LOCUS AR149224
DEFINITION Sequence 71 from patent US 6228581.
ACCESSION AR149224
VERSION AR149224.1 GI:15113815
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 71 08-MAY-2001;
FEATURES
SOURCE Location/Qualifiers
1. .20
/organism="unknown"
BASE COUNT 4 a 4 c 8 g 4 t
Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1109 TCCTCAACGCCGACCCGGTT 1128
20 TCATCAACGCCGACCCGGTT 1
Db 20 TCATCAACGCCGACCCGGTT 1
RESULT 38
AR149226 20 bp DNA linear PAT 08-AUG-2001
LOCUS AR149226
DEFINITION Sequence 73 from patent US 6228581.
ACCESSION AR149226
VERSION AR149226.1 GI:15113817
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Acton, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 73 08-MAY-2001;
FEATURES
SOURCE Location/Qualifiers
1. .20
/organism="unknown"
BASE COUNT 4 a 8 c 4 g 4 t

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 82;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1109 TCCTCAACGCCGACCCGGTT 1128
1 TCATCAACGCCGACCCGGTT 20
Db 1 TCATCAACGCCGACCCGGTT 20
RESULT 39
AX690107 25 bp DNA linear PAT 31-MAR-2003
LOCUS AX690107
DEFINITION Sequence 2839 from Patent EP1281758.
ACCESSION AX690107
VERSION AX690107.1 GI:29412965
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon, M., Gu, Y., and Nguyen, C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Patent: BP 1281758-A 2839 05-FEB-2003;
FEATURES
SOURCE Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 7 c 9 g 5 t
Query Match 1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 338 GGCCTACGTGTACGAGATGC 360
2 GGCCTACGTGTGTGACGAGATGC 24
Db 2 GGCCTACGTGTGTGACGAGATGC 24
RESULT 40
AX690108 25 bp DNA linear PAT 31-MAR-2003
LOCUS AX690108
DEFINITION Sequence 2840 from Patent EP1281758.
ACCESSION AX690108
VERSION AX690108.1 GI:29412966
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon, M., Gu, Y., and Nguyen, C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Patent: BP 1281758-A 2840 05-FEB-2003;
FEATURES
SOURCE Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 7 c 9 g 5 t
Query Match 1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 338 GGCCTACGTGTACGAGATGC 360
2 GGCCTACGTGTGTGACGAGATGC 24
Db 2 GGCCTACGTGTGTGACGAGATGC 24

RESULT 41
LOCUS ARI12217/c 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 106 from patent US 6130041.
ACCESSION ARI12217 GI:14092117
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 106 10-OCT-2000;
SOURCE Location/Qualifiers
1..21
/organism="unknown"

BASE COUNT 5 a 2 c 8 g 6 t

Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1

RESULT 42
LOCUS ARI12221/c 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 110 from patent US 6130041.
ACCESSION ARI12221
VERSION ARI12221.1 GI:14092121
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 110 10-OCT-2000;
SOURCE Location/Qualifiers
1..21
/organism="unknown"

BASE COUNT 5 a 2 c 9 g 5 t

Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1

RESULT 43
LOCUS ARI49259/c 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 106 from patent US 6228581.
ACCESSION ARI49259
VERSION ARI49259.1 GI:15113850
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. L. and Ordovas, J. M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses

therefor

JOURNAL
FEATURES Patent: US 6228581-A 106 08-MAY-2001;
SOURCE Location/Qualifiers
1..21
/organism="unknown"

BASE COUNT 5 a 2 c 8 g 6 t

Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1

RESULT 44
LOCUS ARI49263/c 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 110 from patent US 6228581.
ACCESSION ARI49263
VERSION ARI49263.1 GI:15113854
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Acton, S. L. and Ordovas, J. M.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 110 08-MAY-2001;
SOURCE Location/Qualifiers
1..21
/organism="unknown"

BASE COUNT 5 a 2 c 9 g 5 t

Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

C/ 462 CGACTACATCGTCATGCCCAA 482
DB 21 CGTCTACATCATCATGCCCAA 1

RESULT 45
LOCUS AR089941/c 24 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 61 from patent US 5994076.
ACCESSION AR089941
VERSION AR089941.1 GI:10016696
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Chenchik, A., Johhadze, G. and Biblilashvili, R.
TITLE Methods of assaying differential expression
JOURNAL
FEATURES Patent: US 5994076-A 61 30-NOV-1999;
SOURCE Location/Qualifiers
1..24
/organism="unknown"

BASE COUNT 7 a 3 c 11 g 3 t

Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

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RESULT 46
AR196976/c 24 bp DNA linear PAT 20-APR-2002
LOCUS AR196976
DEFINITION Sequence 61 from patent US 6352829.
ACCESSION AR196976
VERSION AR196976.1 GI:20246825
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 24)
AUTHORS Chenchik,A., Johhadze,G. and Biblilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6352829-A 61 05-MAR-2002;
FEATURES
SOURCE
1..24
/location/Qualifiers
/organism="unknown"

BASE COUNT 7 a 3 c 11 g 3 t

Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

RESULT 47
AR259130/c 24 bp DNA linear PAT 20-DEC-2002
LOCUS AR259130
DEFINITION Sequence 61 from patent US 6489455.
ACCESSION AR259130
VERSION AR259130.1 GI:27309641
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 24)
AUTHORS Chenchik,A., Johhadze,G. and Biblilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6489455-A 61 03-DEC-2002;
FEATURES
SOURCE
1..24
/location/Qualifiers
/organism="unknown"

BASE COUNT 7 a 3 c 11 g 3 t

Query Match 1.2%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 AACTCGACTCTGGGCTCTTC 726
DB 21 AACTCTCTCTCTGGGCTCTTC 1

RESULT 48
AX690105 25 bp DNA linear PAT 31-MAR-2003
LOCUS AX690105
DEFINITION Sequence 2837 from Patent EP1281758.
ACCESSION AX690105
VERSION AX690105.1 GI:29412963
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
1 (bases 1 to 25)
AUTHORS Bkaryotai,Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
PATENT: EP 1281758-A 2837 05-FEB-2003;
SOURCE Neomica, Inc. (US)

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FEATURES
SOURCE
1..25
/location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 6 c 9 g 4 t

Query Match 1.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 338 GACCTACGTGTGACGAGT 358
DB 5 GACCTACGTGTGACGAGT 25

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RESULT 49
AX690106 25 bp DNA linear PAT 31-MAR-2003
LOCUS AX690106
DEFINITION Sequence 2838 from Patent EP1281758.
ACCESSION AX690106
VERSION AX690106.1 GI:29412964
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
1 (bases 1 to 25)
AUTHORS Bkaryotai,Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
PATENT: EP 1281758-A 2838 05-FEB-2003;
SOURCE Neomica, Inc. (US)
FEATURES
SOURCE
1..25
/location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 6 c 10 g 4 t

Query Match 1.2%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 338 GACCTACGTGTGACGAGT 358
DB 4 GACCTACGTGTGACGAGT 24

RESULT 50
AX493158 24 bp DNA linear PAT 26-SEP-2002
LOCUS AX493158
DEFINITION Sequence 132 from Patent WO02059355.
ACCESSION AX493158
VERSION AX493158.1 GI:23338790
KEYWORDS
SOURCE
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 24)
AUTHORS Fiedelhouse,D. and Kohler,D.
TITLE Polynucleotides for use as tags and tag complements, manufacture
JOURNAL Patent: WO 02059355-A 132 01-AUG-2002;
SOURCE TM BIOSCIENCE CORP (CA)
FEATURES
SOURCE
1..24
/location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Artificially synthesized DNA sequence"

BASE COUNT 8 a 0 c 6 g 10 t

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Query Match      1.2%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      1471 GAGAAATGCTATTATTGAGT 1494
Db      1 GAGAAATGTATGATTTAGTAGT 24

RESULT 51
LOCUS      AX690111
DEFINITION Sequence 2843 from Patent EPI281758.
ACCESSION  AX690111
VERSION     AX690111.1 GI:29412969
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE   1
AUTHORS     Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL     Patent: EP 1281758-A 2843 05-FEB-2003;
FEATURES
source      1..25
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

BASE COUNT      4 a 7 c 9 g 5 t

Query Match      1.2%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy      340 CCCTACGTGTACGAGTCCAG 363
Db      1 CCCTACGTGTGACGAGTGTGG 24

RESULT 52
LOCUS      AR299541/c
DEFINITION Sequence 11276 from patent US 6537751.
ACCESSION  AR299541
VERSION     AR299541.1 GI:31686825
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE       Biallelic markers for use in constructing a high density
JOURNAL     disequilibrium map of the human genome
FEATURES    Patent: US 6537751-A 11276 25-MAR-2003;
            Location/Qualifiers
            source      1..19
                        /organism="unknown"

BASE COUNT      7 a 0 c 7 g 5 t

Query Match      1.2%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1346 CTCTTCACACATTCACAC 1364
Db      19 CTCTTCACATTCACAC 1

RESULT 53
LOCUS      AR266026/c

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LOCUS      AR266026
DEFINITION Sequence 33 from patent US 6492171.
ACCESSION  AR266026
VERSION     AR266026.1 GI:29694872
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Montu,B.P., Gaarde,W.A., Preter,S.M. and Wanciewicz,B.
TITLE       Antisense modulation of TERT expression
JOURNAL     Patent: US 6492171-A 33 10-DEC-2002;
FEATURES    Location/Qualifiers
            source      1..20
                        /organism="unknown"

BASE COUNT      4 a 7 c 8 g 1 t

Query Match      1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1419 GCTGGCGTCGCTCCCTGC 1438
Db      20 GCGGCGTCGCTCCCTGC 1

RESULT 54
LOCUS      AX096805
DEFINITION Sequence 1983 from Patent WO0118250.
ACCESSION  AX096805
VERSION     AX096805.1 GI:13513059
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE   1
AUTHORS     Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
JOURNAL     McCarthy,J.J.
TITLE       Single nucleotide polymorphisms in genes
JOURNAL     Patent: WO 0118250-A 1983 15-MAR-2001;
JOURNAL     WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
JOURNAL     Pharmaceuticals, Inc. (US)
FEATURES    Location/Qualifiers
            source      1..21
                        /organism="Homo sapiens"
                        /mol_type="genomic DNA"
                        /db_xref="taxon:9606"

BASE COUNT      4 a 4 c 4 g 8 t 1 others

Query Match      1.2%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Oy      1477 TGCTATTATTGAGTAG 1496
Db      1 TCCTATTCAATTGGAGTAG 20

RESULT 55
LOCUS      AX511799
DEFINITION Sequence 206 from Patent WO02055705.
ACCESSION  AX511799
VERSION     AX511799.1 GI:23392499
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS     Mezes,P.S., Rasell,L., Herrmann,J.L., Macdougall,J.R., Zhong,H.,
JOURNAL     Casman,S.O., Boidog,F., Shimkets,R.A., Gorman,L., Crasta,O.R.,

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Myers, K.K., Folkerts, O., Martin, G.B., Eisen, A., Spaderma, S.K.,
Venner, C.A., Bergh, C., Spytek, K.A., DiIppio, V.A., Zephusen, B.D.,
Payman, J.A., Ellerman, K., Stone, D.J., Grose, W.M., Alsbrook, J.P.,
Lepler, D.M., Rieger, D.K., Burgess, C.E. and Edinger, S.
Proteins and nucleic acids encoding same
Patent: WO 02055705-A 206 18-JUL-2002;
Curagen Corporation (US)
TITLE
JOURNAL

FEATURES
SOURCE
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"
0 c 9 g 6 t

BASE COUNT
7 a 7 a 9 g 6 t

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 502 GCGGTGATGATGAGAAAT 519
Db 1 GTGCTGATGATGAGAAAT 18

RESULT 56
AX203606 22 bp DNA linear PAT 30-AUG-2001
LOCUS
DEFINITION
Sequence 236 from Patent WO0153520.
AX203606
ACCESSION
AX203606.1 GI:15393035
VERSION
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS
1 Cullen, P. and Seedorf, U.
TITLE
Gene chip for neonate screening
JOURNAL
Patent: WO 0153520-A 236 26-JUL-2001;
Cullen, Paul (DB); Seedorf, Udo (DB)
FEATURES
SOURCE
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
8 a 5 c 7 g 2 t

BASE COUNT
8 a 5 c 7 g 2 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAGAAC 198
Db 1 AAGCAGCCTGGGCTTAGAAC 21

RESULT 57
AX614438 22 bp DNA linear PAT 17-FEB-2003
LOCUS
DEFINITION
Sequence 5463 from Patent WO02072882.
AX614438
ACCESSION
AX614438.1 GI:28409867
VERSION
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS
1 Cullen, P. and Seedorf, U.
TITLE
Coronary chip
JOURNAL
Patent: WO 02072882-A 5463 19-SRP-2002;
OGHAM GmbH (DB)
FEATURES
Location/Qualifiers

source
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
8 a 5 c 7 g 2 t

BASE COUNT
8 a 5 c 7 g 2 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAGAAC 198
Db 1 AAGCAGCCTGGGCTTAGAAC 21

RESULT 58
AX614439 22 bp DNA linear PAT 17-FEB-2003
LOCUS
DEFINITION
Sequence 5464 from Patent WO02072882.
AX614439
ACCESSION
AX614439.1 GI:28409868
VERSION
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS
1 Cullen, P. and Seedorf, U.
TITLE
Coronary chip
JOURNAL
Patent: WO 02072882-A 5464 19-SRP-2002;
OGHAM GmbH (DB)
FEATURES
SOURCE
1..22
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
8 a 4 c 6 g 4 t

BASE COUNT
8 a 4 c 6 g 4 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 178 AAGCAGCAGGCTTAGAAC 198
Db 1 AAGCAGCCTGGGCTTAGAAC 21

RESULT 59
A89729 23 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION
Sequence 34 from Patent WO9832863.
A89729
ACCESSION
A89729.1 GI:6738264
VERSION
KEYWORDS
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
AUTHORS
1 (bases 1 to 23)
TITLE
MAMMALIAN THIOREDOXIN
JOURNAL
Patent: WO 9832863-A 34 30-JUL-1998;
DEAN JOHN PAUL (GB); KAROBIO AB (SE)
FEATURES
Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
4 a 12 c 2 g 5 t

BASE COUNT
4 a 12 c 2 g 5 t

Query Match
Best Local Similarity 85.7%; Score 16.2; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Qy 547 ACCTGGCATTACCACTTC 567
Db 3 ACCTGGCATTACCACTTC 23

RESULT 60
LOCUS BD064116 23 bp DNA linear PAT 27-AUG-2002
DEFINITION Mammalian thioredoxin.
ACCESSION BD064116
VERSION BD064116.1 GI:22609719
KEYWORDS JP 2001510997-A/15.
SOURCE synthetic construct
ORGANISM artificial sequence.
REFERENCE 1 (bases 1 to 23)
AUTHORS Spyrou,G.
TITLE Mammalian thioredoxin
JOURNAL Patent: JP 2001510997-A 15 07-AUG-2001;
COMMENT KARO BIO AB
PN JP 2001510997-A/15
PD 07-AUG-2001
PR 28-JAN-1998 JP 1998531760
PR 28-JAN-1997 GB 9701710.7
PI GIANNIS SPYROU
PC C12N15/53, C12N9/02, A61K38/44, C12N15/85, C12N15/70, C12N1/21, PC
C12N5/10,
PC C07K16/40, G01N33/58, A01K67/027, C1201/68
CC Strandedness: Single;
CC Topology: linear;
FEATURES
source Location/Qualifiers.
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 4 a 12 c 2 g 5 t

Query Match 1.1%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 547 ACCTGGCATTACCACTTC 567
Db 3 ACCTGGCATTACCACTTC 23

RESULT 61
LOCUS E29883 20 bp DNA linear PAT 18-JUN-2001
DEFINITION HIV cofactor inhibitor.
ACCESSION E29883
VERSION E29883.1 GI:13021278
KEYWORDS JP 1999292795-A/37.
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
TITLE HIV cofactor inhibitor
JOURNAL Patent: JP 1999292795-A 37 26-OCT-1999;
COMMENT YAMANOUCHI PHARMACEUT CO LTD
OS Unidentified
PN JP 1999292795-A/37
PD 26-OCT-1999
PR 02-APR-1998 JP 1998125452
PR
PI HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI, PI
AKIRA WADA
PC A61K48/00, A61K31/70, A61K31/70, C12N15/09, C12N15/00 CC
FH Key Location/Qualifiers
1..20
FT source /organism='Unidentified'.

```

```

FEATURES
source Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 5 a 8 c 7 g 0 t

Query Match 1.1%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1295 TGGTCTGCGCGTCTGCT 1310
Db 16 TGGTCTGCGCGTCTGCT 1

RESULT 62
LOCUS ARI42908 22 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 4 from patent US 6204024.
ACCESSION ARI42908
VERSION ARI42908.1 GI:15104194
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Romano,J.W. and Lee,E.M.
TITLE CCR5 RNA transcription based amplification assay
JOURNAL Patent: US 6204024-A 4 20-MAR-2001;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
BASE COUNT 6 a 9 c 7 g 0 t

Query Match 1.1%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1295 TGGTCTGCGCGTCTGCT 1310
Db 16 TGGTCTGCGCGTCTGCT 1

RESULT 63
LOCUS DOGP35102 20 bp DNA linear MAM 05-MAR-1996
DEFINITION Dog (Clome: CXK.351) primer for STS 351. 3' end.
ACCESSION L24239
VERSION L24239.1 GI:401901
KEYWORDS PCR identification; PCR primer; STS.
SOURCE 2 of 2
ORGANISM Canis familiaris (dog)
REFERENCE 1 (bases 1 to 20)
AUTHORS Mammalia; Metazoa; Chordata; Vertebrata; Euteleostomi;
TITLE Mammalia; Euteleostomi; Carnivora; Pisces; Canidae; Canis.
JOURNAL Ostrander,B.A., Mapa,F.A., Yee,M. and Rine,J.
COMMENT One hundred and one new simple sequence repeat-based markers for
the canine genome
Mamm. Genome 6 (3), 192-195 (1995)
95268214
7749226
JOURNAL Original source text: Canis familiaris (library: B. Ostrander, in
MEDLINE PubMed
95268214
7749226
COMMENT Submitted by:
Fred Hutchinson Cancer Research Center
Transplantation Biology Dept
1124 Columbia; Mailstop M318
Seattle, WA 98104, USA
e-mail: BAostrander@bl.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00 minute

```

Annealing: 55 or 59 degrees C for 0.45 minutes
Polymerization: 74 degrees C for 1.00 minutes
PCR Cycles: 33
Final Extension: 74 degrees C for 5.00 minutes.

FEATURES

SOURCE

```

/organism="Canis familiaris"
/mo_type="genomic DNA"
/db_xref="taxon:9615"
/tissue_type="spleen"
/dev_stage="adult"
/tissue_1lb="B. Ostlander, in pubescrpt+"
primer_bind complement(1..20)
BASE COUNT 7 a 3 g 3 t

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	Query Match	1.1%	Score 15.8	DB 1	Length 20
	Best Local Similarity	69.5%	Pred. No. 2e+02		
	Matches 17, Conservative	0	Mismatches 2,	Indels 0,	Gaps 0.
Oy	1282 AAGATTGACCTGGCGTC	1300			
Db	19 AAGATTGGCCCTGGCGTTC	1			

RESULT	64		
LOCUS	AR293881/c		
LOCUS	AR293881	20 bp	DNA
DEFINITION	Sequence	5616 from patent US 6537751.	linear
ACCESSION	AR293881		
VERSION	AR293881.1		
KEYWORDS	GI:31681165		
SOURCE	Unknown.		
			PAT 12-JUN-2003

```

REFERENCE      1 (bases 1 to 20)
AUTHORS      Cohen,D.; Chumakov,I. and Blumenfeld,M.
TITLE        Ballelic markers for use in constructing a high density
              disequilibrium map of the human genome
JOURNAL      Patent: US 6537751 A 5616 25-MAR-2003;
FEATURES
SOURCE       Location/Qualifiers
              1..20

```

Query Match	1.1%;	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No.2e+02;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	375	CATCACTTCAACAACAAC	393	
	19	CATCATGTTCACAACAAC	1	

JOURNAL	PATENT:	US ARMY MEDICAL RES INST OF INFECTIOUS DISEASES (US
WO 024064/-A 9 23-MAY-2002;		
location/Qualifiers		
1. .22		

```

      /db xref="taxon:32630"
      /note="primer designed for polymerase chain reaction"
BASE COUNT      3 a      11 c      3 g      5 t

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Query Match	1.1%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 2.6e+02		
Matches 17, Conservative	0	Mismatches 2	Indels 0	Gaps 0

	AX698777/c	22 bp	DNA	linear	PAT 02-APR-2003
RESULT 66					
LOCUS	Sequence 13 from Patent WO02088328.				
DEFINITION	AX698777				
ACCESSION	AX698777.1				
VERSION	GI:29499566				
KEYWORDS	.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
	artificial sequences.				

AUTHORS	Belardelli, F., Santini, S.M., Parlato, S., di Pascchio, T., Logozzi, M., La Petta, C., Ferrarini, M., Sandonato, L. and D'Agostino, G.
TITLE	Method for generating highly active human dendritic cells from monocytes
JOURNAL	Patent: WO 02086328-A 13 07-NOV-2002;
FEATURES	Istituto Superiore di Sanità (IT)
SOURCE	Location/Qualifiers 1. .22

Query Match	1.1%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 2.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0
QY	1324	AGCGGGGCCATGCGAGGGGG	1342	
DB	19	AGCGGGGCCATGCGAGGGTG	1	

BASE COUNT	4	a	-	12	c	2	g	5	t
Query Match				1.1%				Score 15.8;	DB 1;
Best Local Similarity				89.5%				Pred. No. 2.9e+02;	Length 23;
Matches	17;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;

Qy 1371 GGTGTGATGCCCAAGTG 1389
 Db 20 GGTGTGATGCCCAAGTG 2

RESULT 68
 BD064116/c
 LOCUS BD064116 23 bp DNA linear PAT 27-AUG-2002
 DEFINITION Mammalian thioredoxin.
 ACCESSION BD064116.1 GI:22609719
 VERSION JP 2001510997-A/15.
 KEYWORDS
 SOURCE Synthetic construct
 ORGANISM
 REFERENCE
 1 (bases 1 to 23)
 AUTHORS Spyrou,G.
 TITLE Mammalian thioredoxin
 JOURNAL Patent: JP 2001510997-A 15 07-AUG-2001;
 COMMENT KARO BIO AB
 PN JP 2001510997-A/15
 PD 07-AUG-2001
 PF 28-JAN-1998 JP 1998531760
 PR 28-JAN-1997 GB 9701710.7
 PI GIANNIS SPYROU
 PC C12N15/53, C12N9/02, A61K38/44, C12N15/85, C12N15/70, C12N1/21, PC
 C12N5/10,
 PC C07K16/40, G01N33/68, A01K67/027, C12Q1/68
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Key Location/Qualifiers.

FEATURES
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 1..23
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 4 a 12 c 2 g 5 t

Query Match 1.1%; Score 15.8; DB 1; Length 23;
 Best Local Similarity 89.5%; Pred. No. 2.9e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1371 GGTGTGATGCCCAAGTG 1389
 Db 20 GGTGTGATGCCCAAGTG 2

RESULT 69
 AX268943
 LOCUS AX268943 22 bp DNA linear PAT 29-OCT-2001
 DEFINITION Sequence 24 from Patent WO0175165.
 ACCESSION AX268943
 VERSION AX268943.1 GI:16541962
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 1
 AUTHORS Mcconlogue,T.C., Games,K.D., Yednock,T.A., Hua,T., Messersmith,B. and Bard,P.
 TITLE Screening markers and methods for neurodegenerative disorders
 JOURNAL Patent: WO 0175165-A 24 11-OCT-2001;
 Eilan Pharmaceuticals, Inc. (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="probe mMC II(1a), a chain-335T"

BASE COUNT 2 a 9 c 6 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1564 CCCAAGGCTCTGTCGACG 1585
 Db 1 CCCAAGTCCCTGTCCTCTG 22

RESULT 70
 AX642849/c
 LOCUS AX642849 22 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 177 from Patent WO0240539.
 ACCESSION AX642849
 VERSION AX642849.1 GI:28475069
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 1
 AUTHORS
 1
 Kekuda,R., Spytek,K.A., Casman,S.J., Zernusen,B.D., Li,L.,
 Tchertnev,V.T., Colman,S.D., Ballinger,R.A., Padigaru,M.,
 Molenc,A.R., Shenoy,S.G., Edinger,S.R., Gerlach,V., Gangoli,E.A.,
 MacDougall,J.R., Smithson,G., Peyman,J.A., Stone,D.J., Gunther,E.,
 Ellerman,K., Grosse,W.M., Alsbrook,J.P., Lepley,D.M. and
 Burgess,C.B.
 TITLE GPCR-like protein and nucleic acids encoding same
 JOURNAL Patent: WO 0240539-A 177 23-MAY-2002;
 Curagen Corporation (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"

BASE COUNT 6 a 3 c 8 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 747 GAACATCAGCAGATCCACCTC 768
 Db 22 GTACATCAGCAGATTCCTCTC 1

RESULT 71
 AX702396/c
 LOCUS AX702396 22 bp DNA linear PAT 03-APR-2003
 DEFINITION Sequence 225 from Patent WO02059313.
 ACCESSION AX702396
 VERSION AX702396.1 GI:29538042
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 1
 AUTHORS Li,L., Ballinger,R.A., Padigaru,M., Kekuda,R., Colman,S.D.,
 Spytek,K.A., Casman,S.J., Vermet,C.A., Shenoy,S.G., Gusev,V.,
 Malyankar,U.M., Edinger,S., Gerlach,V., Smithson,G., Stone,D.J.,
 Sciore,P., MacDougall,J.R., Gunther,B., Peyman,J.A., Ellerman,K.,
 Gangoli,E.A. and Millet,T.
 TITLE G-protein coupled receptors and nucleic acids encoding same
 JOURNAL Patent: WO 02059313-A 225 01-AUG-2002;
 Curagen Corporation (US)
 FEATURES
 source
 1..22
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="PCR Primer Sequence"

BASE COUNT 6 a 3 c 8 g 5 t

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2.8e+02;

384 CAAACAACGACACCGTGTCC 405

SOURCE ORGANISM	TEST ORGANISM
Homo sapiens (human)	Homo sapiens
Homo sapiens	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 AUTHORS Zhan, J.
 TITLE Human testis expressed patched like protein
 JOURNAL Patent: EP 1229046-A 469 07-AUG-2002;
 Aecomica, Inc. (US)

FEATURES
 source 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 GTACCGCACCTTCAGT 430
 |||||
 1 GTCCCGCACCTTCAGT 17

RESULT 77
 LOCUS AX673076 17 bp DNA linear PAT 27-MAR-2003
 DEFINITION Sequence 1521 from Patent WO03004526.
 ACCESSION AX673076
 VERSION AX673076.1 GI:29331424
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 TELEMAN, A., AMSON, R. and TUIJNDER, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 Patent: WO 03004526-A 1521 16-JAN-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 5 a 6 c 3 g 3 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 GTTCCCTTCAGACA 679
 |||||
 1 GATCCCTTCAGACA 17

RESULT 78
 LOCUS AX688732 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1464 from Patent EP1281758.
 ACCESSION AX688732
 VERSION AX688732.1 GI:29411436
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
 SHANNON, M., GU, Y. and NGUYEN, C.T.
 Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
 mdz12
 Patent: EP 1281758-A 1464 05-FEB-2003;
 Aecomica, Inc. (US)

JOURNAL

FEATURES
 source 1. 17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1062 CAGACCTGACAGTTCA 1078
 |||||
 1 CAGACCTGACAGTTCA 17

RESULT 79
 LOCUS AX723846/c 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 1533 from Patent WO03025176.
 ACCESSION AX723846
 VERSION AX723846.1 GI:30503189
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.

REFERENCE 1
 TELEMAN, A., AMSON, R. and TUIJNDER, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025176-A 1533 27-MAR-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1. 17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 2 a 3 c 5 g 7 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 746 AGACATCAGCAGATC 762
 |||||
 17 AGACATCAGCAGATC 1

RESULT 80
 LOCUS BD066968/c 17 bp DNA linear PAT 27-AUG-2002
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD066968
 VERSION BD066968.1 GI:22612571
 KEYWORDS
 SOURCE JP 2001511000-A/1603.
 ORGANISM unidentified
 unclassified.

REFERENCE 1 (bases 1 to 17)
 SCHLINGENSIEPEN, K.H. and BRYSCH, W.
 An antisense oligonucleotide preparation method
 Patent: JP 2001511000-A 1603 07-AUG-2001;
 BIOGENSTIK GRSBLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT
 OS Unknown
 PN JP 2001511000-A/1603
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 EP 97101531.8
 PI KARL HERMANN SCHLINGENSIEPEN WOLFGANG BRYSCH
 PC C12N15/11,C07H21/04,A61K31/70
 CC An antisense oligonucleotide preparation method FH Key

Location/Qualifiers
1. 17
/organism='Unknown'.
FEATURES
source
1. 17
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
BASE COUNT 5 a 3 c 5 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 GTCCCTCAAGACA 679
DB 17 GTCTCTCAAGACA 1

RESULT 81
AX084272 18 bp DNA linear PAT 28-FEB-2001
LOCUS
DEFINITION Sequence 66 from Patent WO0110902.
ACCESSION AX084272
VERSION AX084272.1 GI:13185775
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Shimkets,R.A. and Fernandes,E.
TITLE Nucleic acids and secreted polypeptides encoded thereby
JOURNAL Patent: WO 0110902-A 66 15-FEB-2001;
Curagen Corporation (US)
FEATURES
source
1. 18
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='PCR PRIMER'
BASE COUNT 4 a 5 c 7 g 2 t

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGACGAA 794
DB 2 TGGACCGGCTGACGAA 18

RESULT 82
AX084275 18 bp DNA linear PAT 28-FEB-2001
LOCUS
DEFINITION Sequence 69 from Patent WO0110902.
ACCESSION AX084275
VERSION AX084275.1 GI:13185778
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Shimkets,R.A. and Fernandes,E.
TITLE Nucleic acids and secreted polypeptides encoded thereby
JOURNAL Patent: WO 0110902-A 69 15-FEB-2001;
Curagen Corporation (US)
FEATURES
source
1. 18
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='PCR PRIMER'
BASE COUNT 2 a 7 c 5 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGACGAA 794
DB 17 TGGACCGGCTGACGAA 1

RESULT 83
BD089355 19 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION A method of arraying genome clone.
ACCESSION BD089355
VERSION BD089355.1 GI:22634965
KEYWORDS JP 2001321190-A/1599.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1599 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/1599
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH key
Location/Qualifiers
FT source 1. 19
/organism='Artificial Sequence'.
FEATURES
source
1. 19
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
BASE COUNT 4 a 7 c 4 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 CGAGCGGAGACTCTTC 1351
DB 19 CGATGGGAGAGACTCTTC 3

RESULT 84
AB068582 19 bp DNA linear SYN 21-MAY-2003
LOCUS
DEFINITION Synthetic construct DNA, forward primer for human STS sts-R369A24F
ACCESSION AB068582
VERSION AB068582.1 GI:15129386
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takeoka,E., Makawa,K.,
Matanabe,N., Itazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Moronashi,A., Onira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
JOURNAL chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)

MEDLINE 21269192
 PUBMED 11374902
 REFERENCE 2 (bases 1 to 19)
 AUTHORS Horii, A.
 JOURNAL Direct Submission
 Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
 Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
 Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
 Tel:81-22-717-8042, Fax:81-22-717-8047)

FEATURES
 SOURCE location/Qualifiers
 1..19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 1..19
 /note="forward primer for human STS sts-R369A24F at 1p36
 sts-R369A24F obtained from clones B9G2, B369A24, Human BAC
 library RPCL-11"

misc_feature
 11bp
 7 c 4 g 4 t

BASE COUNT 4 a 2 c 10 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 19;
 Best Local Similarity 94.1%; Pred. No. 2e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 GGAGGGGAGACTCTTC 1351
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 19 GGATGGGAGACTCTTC 3

Db

RESULT 85
 LOCUS AR271800 20 bp DNA linear PAT 10-APR-2003
 DEFINITION Sequence 44 from patent US 6503754.
 ACCESSION AR271800
 VERSION AR271800.1 GI:29703368
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Zhang, H. and Wyatt, J.
 TITLE Antisense modulation of BH3 interacting domain death agonist
 expression
 JOURNAL Patent: US 6503754-A 44 07-JAN-2003;
 FEATURES location/Qualifiers
 1..20
 /organism="unknown"

BASE COUNT 4 a 2 c 10 g 4 t

Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 423 CTTCCAGTCCAGCCCT 439
 |||||
 17 CTTCCAGTCCAGCCCT 1

Db

RESULT 86
 LOCUS AX020020 20 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 34 from Patent WO937764.
 ACCESSION AX020020
 VERSION AX020020.1 GI:10043849
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 REFERENCE 1
 AUTHORS Veugeleers, M.P. and David, G.J.
 TITLE New members of the glypican gene family
 JOURNAL Patent: WO 937764-A 34 29-JUL-1999;

VEUGELEERS MARK PAUL, DITTMAR (BB); VLAAMS INTERUNIV INST BIOTECH
 (BB); DAVID GUIDO JOSEPH FRANS (BB)
 FEATURES
 SOURCE location/Qualifiers
 1..20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 6 c 4 g 8 t

Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1430 TCTTCGCTGCTGCTCCT 1446
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 4 TCTTCGCTGCTGCTCCT 20

Db

RESULT 87
 LOCUS A37934 21 bp DNA linear PAT 05-MAR-1997
 DEFINITION Sequence 12 from Patent WO9408018.
 ACCESSION A37934
 VERSION A37934.1 GI:2294591
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 21)
 AUTHORS Varvill, K., Pickersill, R.W., Gould, G.W., Goodenough, P.W. and
 Mosely, B.B.
 TITLE ALTERATION OF POLYPEPTIDES
 JOURNAL Patent: WO 9408018-A 12 14-APR-1994;
 UNILIVER PLC (GB)
 COMMENT Other publication GB 2273931 940706
 Other publication JP 8501939T 960305.
 FEATURES location/Qualifiers
 1..21
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 8 a 5 c 7 g 1 t

Query Match 1.1%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 2.6e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 722 TCTTCGCGGTGTCACG 738
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 19 TCTTCGCGGTGTCACG 3

Db

RESULT 88
 LOCUS AR100344 20 bp DNA linear PAT 14-FEB-2001
 DEFINITION Sequence 75 from patent US 6080580.
 ACCESSION AR100344
 VERSION AR100344.1 GI:12810792
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Baker, B.F., Bennett, C., Frank, J., Butler, M.M. and Shanahan, W.R. Jr.
 TITLE Antisense oligonucleotide modulation of tumor necrosis
 factor- α . (TNF- α) expression
 JOURNAL Patent: US 6080580-A 75 27-JUN-2000;
 FEATURES location/Qualifiers
 1..20
 /organism="unknown"

BASE COUNT 5 a 8 c 3 g 4 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;

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Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17, Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 432 CCAGCCCTCCAGTCCGACG 451
DB 1 CTAGCCCTCCAGTCCGACG 20

RESULT 89
ARI49999
LOCUS ARI49999 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 75 from patent US 6228642.
ACCESSION ARI49999
VERSION ARI49999.1 GI:15114590
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE
1. .20
/organism="unknown"

BASE COUNT 5 a 8 c 3 g 4 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 432 CCAGCCCTCCAGTCCGACG 451
DB 1 CTAGCCCTCCAGTCCGACG 20

RESULT 90
ARI312123
LOCUS ARI312123 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2660 from patent US 6559294.
ACCESSION ARI312123
VERSION ARI312123.1 GI:31705549
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE
1. .20
/organism="unknown"

BASE COUNT 6 a 8 c 2 g 4 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCCATGACCTGAGCTCAT 542
DB 1 CCCATGACCTGAGCTCAT 20

RESULT 91
AX292919/c
LOCUS AX292919 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 4681 from Patent WO0179548.
ACCESSION AX292919
VERSION AX292919.1 GI:17054602
KEYWORDS

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SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 3 a 10 c 2 g 5 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1275 AACTGGAGAGTTGAGCCTG 1294
DB 20 AACGGGAGAGTTGAGCCTG 1

RESULT 92
AX474015
LOCUS AX474015 20 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 169 from Patent WO0246458.
ACCESSION AX474015
VERSION AX474015.1 GI:22208170
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE
1. .20
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 10 c 1 g 7 t

Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CTTTCAGTTCAGCCTCC 441
DB 1 CTTTCAGTTCAGCCTCC 20

RESULT 93
BD177429
LOCUS BD177429 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for screening genes.
ACCESSION BD177429
VERSION BD177429.1 GI:330014690
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Aeal,S., Nagata,T., Takahashi,Y., Ishii,K. and Ishikawa,K.

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TITLE A method for screening genes
JOURNAL Patent: JP 2002306174-A 7 22-OCT-2002;
NIPON UNIVERSITY
OS Artificial Sequence
COMMENT PN JP 2002306174-A/7
PD 22-OCT-2002
PI 11-APR-2001 JP 2001112367
PI SATOHI ASAI, TOSHITO NAGATA, YASUO TAKAHASHI, KEIKI ISHII, PI
KOICHI ISHIKAWA
PC C12N15/09, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/56
PC G01N37/00, C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'
FEATURES
source location/Qualifiers
1.20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
BASE COUNT 6 a 4 c 6 g 4 t
Query Match 1.1%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 533 TGAAGCTCATGACCTTG 552
DB 1 TGAAGCAGACGACCTTG 20
RESULT 94
LOCUS AR106061 21 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 5 from patent US 6103498.
ACCESSION AR106061
VERSION AR106061.1 GI:12820126
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lawrence, D.A. and Stefansson, S.P.
TITLE Mutant plasmidogen activator-inhibitor type 1 (PAI-1) and uses
thereof
JOURNAL Patent: US 6103498-A 5 15-AUG-2000;
FEATURES location/Qualifiers
source 1.21
/organism='unknown'
BASE COUNT 2 a 11 c 5 g 3 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCGCATGAGGGGAGAC 1346
DB 20 GGGGCGCATGAGGGGAGAC 1
RESULT 95
LOCUS AR258506 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 5 from patent US 6489143.
ACCESSION AR258506
VERSION AR258506.1 GI:27308860
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lawrence, D.A. and Stefansson, S.P.

TITLE Mutant plasmidogen activator-inhibitor type 1 (PAI-1) proteins
JOURNAL Patent: US 6489143-A 5 03-DEC-2002;
NIPON UNIVERSITY
OS Artificial Sequence
COMMENT PN JP 2002306174-A/7
PD 22-OCT-2002
PI 11-APR-2001 JP 2001112367
PI SATOHI ASAI, TOSHITO NAGATA, YASUO TAKAHASHI, KEIKI ISHII, PI
KOICHI ISHIKAWA
PC C12N15/09, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/56
PC G01N37/00, C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'
FEATURES
source location/Qualifiers
1.20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
BASE COUNT 6 a 4 c 6 g 4 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCGCATGAGGGGAGAC 1346
DB 20 GGGGCGCATGAGGGGAGAC 1
RESULT 96
LOCUS AX156131 21 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 17 from Patent WO0138560.
ACCESSION AX156131
VERSION AX156131.1 GI:14537139
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Lawrence, D.A. and Day, D.
TITLE Novel detection method for a functionally active form of an enzyme
in biological samples and a kit
JOURNAL Patent: WO 0138560-A 17 31-MAY-2001;
AMERICAN RBD CROSS (US)
FEATURES location/Qualifiers
source 1.21
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'
BASE COUNT 2 a 11 c 5 g 3 t
Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1327 GGGGCGCATGAGGGGAGAC 1346
DB 20 GGGGCGCATGAGGGGAGAC 1
RESULT 97
LOCUS AX417172 21 bp DNA linear PAT 14-JUN-2002
DEFINITION Sequence 11 from Patent WO0216656.
ACCESSION AX417172
VERSION AX417172.1 GI:21449759
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Brunkow, M.E.
TITLE Methods for detecting mutations in the human scurfy foxp3 gene
JOURNAL Patent: WO 0216656-A 11 28-FEB-2002;
Celltech R & D, Inc. (US)
FEATURES location/Qualifiers
source 1.21
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='Oligonucleotide suitable for amplifying DNA from
human FOXP3 genomic DNA'
BASE COUNT 4 a 3 c 8 g 6 t

Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1278 TGGGAAGATTGAGCTGTGG 1297
DB 2 TGGGAAGTTAAGCTCTGG 21

RESULT 98
LOCUS AR152740/c 21 bp DNA linear PAT 17-FEB-2003
DEFINITION Sequence 4474 from Patent WO02072882.
ACCESSION AR152740
VERSION AR152740.1 GI:28408878
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Mammalia; Eutheria; Primates; Carnivora; Homidae; Homo.
TITLE Coronary chip
JOURNAL Patent: WO 02072882-A 4474 19-SEP-2002;
OGHAM GmbH (DE)
FEATURES Location/Qualifiers
source 1..21
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 10 a 5 c 0 g 6 t

Query Match 1.1%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1472 AGAAGCTATTATTTGG 1491
DB 20 AGAAGCTATTATTTGG 1

RESULT 99
LOCUS AR152740/c 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 20 from patent US 6235470.
ACCESSION AR152740
VERSION AR152740.1 GI:15120272
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky, D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 20 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCTGTGTCTCG 1302
DB 17 GAGCTGTGTCTCG 3

RESULT 100
LOCUS AR152772 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 52 from patent US 6235470.

ACCESSION AR152772
VERSION AR152772.1 GI:15120304
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky, D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 52 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCTGTGTCTCG 1302
DB 4 GAGCTGTGTCTCG 18

RESULT 101
LOCUS AR169291/c 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 20 from patent US 6291163.
ACCESSION AR169291
VERSION AR169291.1 GI:17907134
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky, D.
TITLE Method for detecting cell proliferative disorders
JOURNAL Patent: US 6291163-A 20 18-SEP-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1288 GAGCTGTGTCTCG 1302
DB 17 GAGCTGTGTCTCG 3

RESULT 102
LOCUS AR169323 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 52 from patent US 6291163.
ACCESSION AR169323
VERSION AR169323.1 GI:17907169
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky, D.
TITLE Method for detecting cell proliferative disorders
JOURNAL Patent: US 6291163-A 52 18-SEP-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1288 GAGCCTGTGTCCTG 1302
DB 4 GAGCCTGTGTCCTG 18

RESULT 103
AR252779/c 20 bp mRNA linear PAT 20-DEC-2002
LOCUS AR252779
DEFINITION Sequence 20 from patent US 6479234.
ACCESSION AR252779
VERSION AR252779.1 GI:27301128
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of hypermutable nucleic acid sequence in tissue and body fluids
JOURNAL Patent: US 6479234-A 20 12-NOV-2002;
FEATURES
source location/Qualifiers
1..20 /organism="unknown"
BASE COUNT 7 a 7 c 4 g 2 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1288 GAGCCTGTGTCCTG 1302
DB 17 GAGCCTGTGTCCTG 3

RESULT 104
AR252799 20 bp mRNA linear PAT 20-DEC-2002
LOCUS AR252799
DEFINITION Sequence 40 from patent US 6479234.
ACCESSION AR252799
VERSION AR252799.1 GI:27301148
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of hypermutable nucleic acid sequence in tissue and body fluids
JOURNAL Patent: US 6479234-A 40 12-NOV-2002;
FEATURES
source location/Qualifiers
1..20 /organism="unknown"
BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1288 GAGCCTGTGTCCTG 1302
DB 4 GAGCCTGTGTCCTG 18

RESULT 105
BD134196/c 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD134196
DEFINITION Detection of neoplasia by analysis of saliva.
ACCESSION BD134196
VERSION BD134196.1 GI:23229141
KEYWORDS JP 2002505888-A/20.
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: JP 2002505888-A 20 26-FEB-2002;
COMMENT THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/20
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PI 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FH Key location/Qualifiers
FT source 1..20 /organism='Artificial Sequence'.
FEATURES
source location/Qualifiers
1..20 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1288 GAGCCTGTGTCCTG 1302
DB 17 GAGCCTGTGTCCTG 3

RESULT 106
BD134228 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD134228
DEFINITION Detection of neoplasia by analysis of saliva.
ACCESSION BD134228
VERSION BD134228.1 GI:23229173
KEYWORDS JP 2002505888-A/52.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: JP 2002505888-A 52 26-FEB-2002;
COMMENT THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/52
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PI 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FH Key location/Qualifiers
FT source 1..20 /organism='Artificial Sequence'.
FEATURES
source location/Qualifiers
1..20 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 2 a 4 c 7 g 7 t

Query Match 1.1%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1288 GAGCCTGTGTCCTG 1302
DB 17 GAGCCTGTGTCCTG 3

Db 4 GAGCGTGTGCTCTG 18

RESULT 107
LOCUS AR091654/c 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 16 from patent US 5994319.
ACCESSION AR091654
VERSION AR091654.1 GI:10018409
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Hoke G.D. Jr.
TITLE Combinational therapy for androgenic alopecia with antisense oligonucleotides and minoxidil
JOURNAL Patent: US 5994319-A 16 30-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
BASE COUNT 4 a 8 c 6 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGGTTTCAGTCC 1083
Db 15 TGCAGGTTTCAGTCC 1

RESULT 108
LOCUS AR243442 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 235 from patent US 6475789.
ACCESSION AR243442
VERSION AR243442.1 GI:27290653
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit: diagnostic and therapeutic methods
JOURNAL Patent: US 6475789-A 235 05-NOV-2002;
FEATURES Location/Qualifiers
source 1..21
BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCGTCTGCTGC 1438
Db 1 GCTGCGTCTGCTGC 15

RESULT 109
LOCUS AX113456 21 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 31 from Patent WO0127612.
ACCESSION AX113456
VERSION AX113456.1 GI:13939712
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1

AUTHORS Rafter,C., Cullmann,G., Lakner,M., Truee,A., Demmert,S. and Schwartz,G.
TITLE Immuno-chromatographic rapid assay in order to detect acid-resistant microorganisms in the stool
JOURNAL Patent: WO 0127612-A 31 19-APR-2001;
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="CDR"

BASE COUNT 5 a 9 c 4 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGCACATCCACCCGG 1198
Db 1 TGCACATCCACCCGG 15

RESULT 110
LOCUS AX113591 21 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 31 from Patent WO0127613.
ACCESSION AX113591
VERSION AX113591.1 GI:13939783
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Rafter,C., Cullmann,G., Heppner,P., Ringels,A., Mueller,H. and Heindl,B.
TITLE Improved method for the detection of acid resistant microorganisms in a stool
JOURNAL Patent: WO 0127613-A 31 19-APR-2001;
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="CDR"

BASE COUNT 5 a 9 c 4 g 3 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGCACATCCACCCGG 1198
Db 1 TGCACATCCACCCGG 15

RESULT 111
LOCUS BD011172 21 bp DNA linear PAT 31-JAN-2002
DEFINITION Human telomerase catalytic subunit.
ACCESSION BD011172
VERSION BD011172.1 GI:18639545
KEYWORDS JP 2001081042-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B., Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit

JOURNAL Patent: JP 2001081042-A 129 27-MAR-2001;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/129

PD 27-MAR-2001
PR 27-JUL-2000 JP 2000227474
PR 01-OCT-1996 US 08/724643, 18-APR-1997 US 08/844419 PR
25-APR-1997 US 08/846017, 06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050, 14-AUG-1997 US 08/911312 PR
14-AUG-1997 US 08/912951, 14-AUG-1997 US 08/915503 PR THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00, A61K31/70, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
PC C07K5/10,
PC C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
C12N15/09,
PC C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/53,
PC G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
PH key Location/Qualifiers
FT source 1..21
FT /organism='Unidentified'.
Location/Qualifiers
1..21
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCTCTCTCTGC 1438
|||||
Db 1 GCTGCTCTCTCTGC 15

RESULT 112
E36921 21 bp DNA linear PAT 18-JUN-2001
LOCUS Human telomerase catalytic subunit promoter.
DEFINITION E36921
ACCESSION E36921.1 GI:13022884
VERSION JP 1999253177-A/129.
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Thomas, R. S., Jochimu, R., Toru, N., Karen, B. C., Greg, B. M.,
Calvin, B. H. and William, H. A.
TITLE Human telomerase catalytic subunit promoter
JOURNAL Patent: JP 1999253177-A 129 21-SEP-1999;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 1999253177-A/129
PD 21-SEP-1999
PR 15-OCT-1998 JP 1998320169
PR 01-OCT-1996 US 08/724 643, 18-APR-1997 US 08/844 419, PR
25-APR-1997 US 08/846 017, 06-MAY-1997 US 08/851 843, PR
09-MAY-1997 US 08/854 050, 14-AUG-1997 US 08/911 312, PR
14-AUG-1997 US 08/912 951, 14-AUG-1997 US 08/915 503 PI THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
PC C12Q1/02,
PC C12Q1/48, C12Q1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC
C07K16/40,
PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, (C12N1/19, PC

C12R1:84),
PC (C12N1/21, C12R1:19), (C12N9/12, C12R1:19), (C12N9/12, C12R1:84),
PC (C12N9/12, C12R1:91), C12N15/00, A61K37/64, C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
PH key Location/Qualifiers
FT source 1..21
FT /organism='Unidentified'.
Location/Qualifiers
1..21
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 1.1%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1424 GCTGCTCTCTCTGC 1438
|||||
Db 1 GCTGCTCTCTCTGC 15

RESULT 113
AX711184 18 bp DNA linear PAT 11-APR-2003
LOCUS AX711184/c
DEFINITION Sequence 484 from Patent EP1288236.
ACCESSION AX711184
VERSION AX711184.1 GI:29787565
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Draper, K. G., Mcawigen, J. A., Holcek, J. J., Dudycz, L. W.,
Macejak, D. G. and Mamone, J. A.
TITLE Method and reagent for inhibiting HBV viral replication
JOURNAL Patent: EP 1288236-A 484 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
1..18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/note='Nucleic acid clone fragments'

BASE COUNT 3 a 7 c 6 g 2 t

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 332 AGCGCGGCGCTACGTG 349
|||||
Db 18 AGCTGGGCGCGGCGCTG 1

RESULT 114
I78713/c 18 bp DNA linear PAT 03-APR-1998
LOCUS I78713
DEFINITION Sequence 28 from patent US 5693779.
ACCESSION I78713
VERSION I78713.1 GI:3014867
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Moos, M. Jr., Klink, M. and Wang, S.
TITLE Production and use of anti-dorsalizing morphogenetic protein
JOURNAL Patent: US 5693779-A 28 03-DEC-1997;
FEATURES
SOURCE 1..18
Location/Qualifiers

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BASE COUNT      4 a      3 c      7 g      4 t
Query Match      1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      172 CTCATCAGCAGCAGTC 189
Db      18 CTCATCAGCTCCAGCTC 1

RESULT 115
AR297776      19 bp      DNA      linear      PAT 12-JUN-2003
LOCUS      AR297776
DEFINITION      Sequence 9511 from patent US 6537751.
ACCESSION      AR297776
VERSION      AR297776.1 GI:31685060
KEYWORDS
ORGANISM      Unknown.
SOURCE      Unknown.
FEATURES
  source      1..19
              /organism="unknown"

REFERENCE
  1 (bases 1 to 19)
  Cohen, D., Chumakov, I. and Blumenfeld, M.
  Biallelic markers for use in constructing a high density
  disequilibrium map of the human genome
  Patent: US 6537751-A 9511 25-MAR-2003;
  Location/Qualifiers
    source      1..19
              /organism="unknown"

BASE COUNT      6 a      9 c      0 g      4 t

Query Match      1.0%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1003 TCCATCTACCCACCCAC 1020
Db      2 TCCATCTCAGCCCAAC 19

RESULT 116
AX132154      19 bp      DNA      linear      PAT 15-MAY-2001
LOCUS      AX132154
DEFINITION      Sequence 3372 from Patent WO0130362.
ACCESSION      AX132154
VERSION      AX132154.1 GI:14138459
KEYWORDS
ORGANISM      Homo sapiens (human)
SOURCE      Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
  1 Robbins, J.M. and Tritz, R.
  Ribozyme therapy for the treatment of proliferative skin and eye
  diseases
  Patent: WO 0130362-A 3372 03-MAY-2001;
  Location/Qualifiers
    source      1..19
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"
              /note="Cyclin B1 ribozyme binding site"

BASE COUNT      1 a      2 c      6 g      10 t

Query Match      1.0%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      364 CACAAAGCAACATCACC 381
Db      19 CACAAAGCAAGTCACC 2

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RESULT 117
AB3846/c      20 bp      DNA      linear      PAT 21-JAN-2000
LOCUS      AB3846
DEFINITION      Sequence 5 from Patent W09848026.
ACCESSION      AB3846
VERSION      AB3846.1 GI:6733024
KEYWORDS
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE
  1 (bases 1 to 20)
  Guzman, C. and Darji, A.
  ATTENUATED SALMONELLA STRAIN USED AS A VEHICLE FOR ORAL
  IMMUNIZATION
  Patent: WO 9848026-A 5 29-OCT-1998;
  BIOTECHNOLOG FORSCHUNG GMBH (DE); GUZMAN CARLOS (DE)
  Location/Qualifiers
    source      1..20
              /organism="unidentified"
              /mol_type="genomic DNA"
              /db_xref="taxon:32644"

BASE COUNT      5 a      5 c      7 g      3 t

Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      406 TTCCTCGAGTACCGCACC 423
Db      19 TTCCTCGAGTACCGCATC 2

RESULT 118
AR018010      20 bp      DNA      linear      PAT 05-DEC-1998
LOCUS      AR018010/c
DEFINITION      Sequence 45 from patent US 5780278.
ACCESSION      AR018010
VERSION      AR018010.1 GI:3973613
KEYWORDS
ORGANISM      Unknown.
SOURCE      Unknown.
REFERENCE
  1 (bases 1 to 20)
  Miller, G.G., Peek, R.M. Jr., Thompson, S.A. and Blaser, M.J.
  Icea gene and related methods
  Patent: US 5780278-A 45 14-JUL-1998;
  Location/Qualifiers
    source      1..20
              /organism="unknown"

BASE COUNT      7 a      3 c      5 g      5 t

Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 86.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1525 GCCATTCAGGCTATTCT 1542
Db      20 GCCATTCAGGCTATTCT 3

RESULT 119
AR018011      20 bp      DNA      linear      PAT 05-DEC-1998
LOCUS      AR018011/c
DEFINITION      Sequence 46 from patent US 5780278.
ACCESSION      AR018011
VERSION      AR018011.1 GI:3973614
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE
  1 (bases 1 to 20)

```

AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 5780278-A 46 14-JUL-1998;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 6 a 3 c 5 g 6 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 2.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 GCCATTCAAGCGCTATTCT 1542
 Db 19 GCCATTCAAGCGCTATTCT 2

RESULT 120
 AR018012/c AR018012 20 bp DNA 1linear PAT 05-DEC-1998

LOCUS Sequence 47 from patent US 5780278.
 DEFINITION AR018012
 ACCESSION AR018012
 VERSION AR018012.1 GI:3973615

KEYWORDS
 SOURCE
 ORGANISM
 Unclassified.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 5780278-A 47 14-JUL-1998;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 2.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 GCCATTCAAGCGCTATTCT 1542
 Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 121
 AR095184/c AR095184 20 bp DNA 1linear PAT 08-SEP-2000

LOCUS Sequence 45 from patent US 6004354.
 DEFINITION AR095184
 ACCESSION AR095184
 VERSION AR095184.1 GI:10022820

KEYWORDS
 SOURCE
 ORGANISM
 Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 6004354-A 45 21-DEC-1999;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 2.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 GCCATTCAAGCGCTATTCT 1542
 Db 20 GCCATTCAAGCGCTATTCT 3

RESULT 122
 AR095185/c AR095185 20 bp DNA 1linear PAT 08-SEP-2000

LOCUS Sequence 46 from patent US 6004354.
 DEFINITION AR095185
 ACCESSION AR095185
 VERSION AR095185.1 GI:10022822

KEYWORDS
 SOURCE
 ORGANISM
 Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 6004354-A 46 21-DEC-1999;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 6 a 3 c 5 g 6 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 2.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 GCCATTCAAGCGCTATTCT 1542
 Db 19 GCCATTCAAGCGCTATTCT 2

RESULT 123
 AR095186/c AR095186 20 bp DNA 1linear PAT 08-SEP-2000

LOCUS Sequence 47 from patent US 6004354.
 DEFINITION AR095186
 ACCESSION AR095186
 VERSION AR095186.1 GI:10022824

KEYWORDS
 SOURCE
 ORGANISM
 Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 6004354-A 47 21-DEC-1999;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 2.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 GCCATTCAAGCGCTATTCT 1542
 Db 18 GCCATTCAAGCGCTATTCT 1

RESULT 124
 AR107189/c AR107189 20 bp DNA 1linear PAT 14-FEB-2001

LOCUS Sequence 45 from patent US 6107464.
 DEFINITION AR107189
 ACCESSION AR107189
 VERSION AR107189.1 GI:12821719

KEYWORDS
 SOURCE
 ORGANISM
 Unclassified.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Miller,G.G., Peek,R.M. Jr., Thompson,S.A. and Blaser,M.J.
 TITLE Ica gene and related methods
 JOURNAL Patent: US 6107464-A 45 22-AUG-2000;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"

BASE COUNT 7 a 3 c 5 g 5 t

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BASE COUNT      7 a      3 c      5 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      20 GCCATTGAGCGCTATTCT 3

Db
RESULT 125
LOCUS      AR107190      20 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 46 from patent US 6107464.
ACCESSION  AR107190
VERSION     AR107190.1 GI:12821720
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Miller,G.G., Peek,R.M., Jr., Thompson,S.A. and Blaser,M.J.
TITLE      IcaA gene and related methods
JOURNAL    Patent: US 6107464-A 46 22-AUG-2000;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      6 a      3 c      5 g      6 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      19 GCCATTGAGCGCTATTCT 2

Db
RESULT 126
LOCUS      AR107191      20 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 47 from patent US 6107464.
ACCESSION  AR107191
VERSION     AR107191.1 GI:12821721
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Miller,G.G., Peek,R.M., Jr., Thompson,S.A. and Blaser,M.J.
TITLE      IcaA gene and related methods
JOURNAL    Patent: US 6107464-A 47 22-AUG-2000;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      7 a      3 c      5 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1525 GCCATTGAGCGCTATTCT 1542
      |||||
      18 GCCATTGAGCGCTATTCT 1

Db
RESULT 127
LOCUS      AR208410      20 bp      DNA      linear      PAT 20-JUN-2002
DEFINITION Sequence 26 from patent US 6383752.
ACCESSION  AR208410
VERSION     AR208410.1 GI:21509557

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```

KEYWORDS      Unknown.
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Agrawal,S. and Kandianella,E.R.
TITLE      Pseudo-cyclic oligonucleobases
JOURNAL    Patent: US 6383752-A 26 07-MAY-2002;
FEATURES    Location/Qualifiers
            1..20
            /organism="unknown"

BASE COUNT      5 a      8 c      2 g      4 t      1 others
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      593 CTGTGGTGTGATCATGTG 611
      |||||
      19 CTGTGTGTGAGACAGGTG 1

Db
RESULT 128
LOCUS      AX110068      20 bp      DNA      linear      PAT 29-MAY-2002
DEFINITION Sequence 801 from Patent WO0123604.
ACCESSION  AX110068
VERSION     AX110068.1 GI:13926360
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS    Bergeron,M.G., Boissinot,M., Huletsky,A., m Nard,C., Quelette,M.,
            Picard,P.J. and Roy,P.H.
TITLE      Highly conserved genes and their use to generate probes and primers
            for detection of microorganisms
JOURNAL    Patent: WO 0123604-A 801 05-APR-2001;
            Infectio Diagnostic (I.D.I.) INC. (CA)
FEATURES    Location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Oligonucleotide"

BASE COUNT      9 a      7 c      3 g      1 t
Query Match      1.0%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      717 TGGGCTCTTCACGGGTGT 734
      |||||
      20 TGGGCTCTTCACGGGTGT 3

Db
RESULT 129
LOCUS      AX145835      21 bp      DNA      linear      PAT 31-MAY-2001
DEFINITION Sequence 26 from Patent WO0134840.
ACCESSION  AX145835
VERSION     AX145835.1 GI:14284353
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
            Mammalia; Buteria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE   1
AUTHORS    Au,K.G., Chen,J.G., Patil,N. and Thomas,D.
TITLE      Genetic compositions and methods
JOURNAL    Patent: WO 0134840-A 26 17-MAY-2001;
            GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
FEATURES    Location/Qualifiers

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source
1. .21
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
variation
1. .21
/note="n' represents a polymorphic base"
BASE COUNT      3 a      4 c      9 g      4 t      1 others
Query Match      1.0%; Score 14.8; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1378 ATGCCAAGTATGATGACT 1396
Db      19 ATGCCACAGCGATGACT 1

RESULT 130
LOCUS      AX153927      21 bp      DNA      linear      PAT 22-JUN-2001
DEFINITION Sequence 25 from Patent WO0138576.
ACCESSION  AX153927
VERSION     AX153927.1 GI:14535541
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
1
AUTHORS     Cargill, M., Ireland, J.S. and Lander, E.S.
TITLES      Human single nucleotide polymorphisms
JOURNAL     Patent: WO 0138576-A 25 31-MAY-2001;
            WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES
source
1. .21
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      7 c      5 g      5 t      1 others
Query Match      1.0%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      476 TGCCCAACATCTGCTCTTG 495
Db      2 TGCCCATCAKCTGCTCATG 21

RESULT 131
LOCUS      AX391937      21 bp      DNA      linear      PAT 23-MAR-2002
DEFINITION Sequence 7 from Patent EP1184454.
ACCESSION  AX391937
VERSION     AX391937.1 GI:19700514
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS     Noda, M. and Watanabe, E.
TITLES      Nav2 channel gene-deficient non-human animals
JOURNAL     Patent: EP 1184454-A 7 06-MAR-2002;
            Director General of Osaka National Research Institutes (JP)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer3"

BASE COUNT      5 a      7 c      4 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 21;

```

```

Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1559 CAGCTCCCAAGGGCTCTG 1576
Db      1 CATCTTCAGAGGCTCTG 18

RESULT 132
LOCUS      AX542224      21 bp      DNA      linear      PAT 23-NOV-2002
DEFINITION Sequence 51 from Patent WO0229033.
ACCESSION  AX542224
VERSION     AX542224.1 GI:25276440
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS     Stormann, T., Hammerland, L.G., Storchmann, L.L., Busby, J.G.,
            Garrett, J.B. and Simin, R.T.
TITLES      G-protein fusion receptors and chimeric gaba b? receptors
JOURNAL     Patent: WO 0229033-A 51 11-APR-2002;
            NPS PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT      6 a      5 c      5 g      5 t
Query Match      1.0%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1392 GCATATGCCAGTACGT 1409
Db      2 GCATATGCCAGTACAT 19

RESULT 133
LOCUS      MM0459725      21 bp      mRNA      linear      ROD 05-JUL-2002
DEFINITION Mus musculus microRNA mir-30b.
ACCESSION  AJ459725
VERSION     AJ459725.1 GI:20799043
KEYWORDS   microRNA mir-30b; mir-30b gene; miRNA.
SOURCE      Mus musculus
ORGANISM    Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1
AUTHORS     Lagos-Quintana, M., Rauhut, R., Yalcin, A., Meyer, J., Lendeckel, W. and
            Tuschl, T.
TITLES      Identification of tissue-specific microRNAs from mouse
JOURNAL     Curr. Biol. 12 (9), 735-739 (2002)
MEDLINE    22003507
PUBMED     12007417
REFERENCE
2 (bases 1 to 21)
AUTHORS     Tuschl, T.
TITLES      Direct Submision
JOURNAL     Submitted (06-MAY-2002) Dep. of Cellular Biochemistry, Max Planck
            Institute for Biophysical Chemistry, Am Fassberg 11, Goettingen
            37077, Germany
COMMENT
related sequence: TT72329251 (Trace Archive).
FEATURES
source
1. .21
/organism="Mus musculus"
/mol_type="mRNA"
/db_xref="taxon:10090"
1. .21
/gene="mir-30b"

```

misc_RNA

1. .21
/gene="miR-30b"
/product="microRNA miR-30b"
/note="transcribed as larger precursor, predicted to form hairpin"

BASE COUNT

7 a 2 g 5 t

Query Match 1.0%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

1352 ACACATCTCAGCTCAGC 1369

Db 4 AACATCTCAGCTCAGC 21

RESULT 134
LOCUS AX419942 16 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 279 from Patent WO0198537.
ACCESSION AX419942
VERSION AX419942.1 GI:21524309
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Lyamichev,V., Allawi,H., Dong,F., Neri,B.P. and Vener,I.T.
TITLE Nucleic acid accessible hybridization sites
JOURNAL Patent: WO 0198537-A 279 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source 1. .16
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 1 c 7 g 4 t

Query Match 1.0%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

938 CAGGGGTGTTGAAGG 953

Db 1 CAGGGGTGTTGAAGG 16

RESULT 135
LOCUS AR083065 17 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 9 from patent US 5976799.
ACCESSION AR083065
VERSION AR083065.1 GI:10009855
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS O'Brien,T.J. and Shigemasa,K.
TITLE Early detection of ovarian carcinoma using p16 gene products
JOURNAL Patent: US 5976799-A 9 02-NOV-1999;
FEATURES
source 1. .17
/organism="unknown"

BASE COUNT 1 a 7 c 3 g 6 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1438 CTGGCCCTGTCATCT 1453

Db 1 CTGGCCCTGTCATCT 16

RESULT 136
LOCUS AR167922 17 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 9 from patent US 6287775.
ACCESSION AR167922
VERSION AR167922.1 GI:17903734
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS O'Brien,T.J. and Shigemasa,K.
TITLE Early detection of ovarian carcinoma using p16 gene products
JOURNAL Patent: US 6287775-A 9 11-SEP-2001;
FEATURES
source 1. .17
/organism="unknown"

BASE COUNT 1 a 7 c 3 g 6 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

231 CAGTGGAGAGATC 246

Db 16 CAGTGGAGAGATC 1

RESULT 137
LOCUS AX215228 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 670 from Patent WO0159103.
ACCESSION AX215228
VERSION AX215228.1 GI:15525271
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cdc20 and nogo gene expression

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1438 CTGGCCCTGTCATCT 1453

Db 1 CTGGCCCTGTCATCT 16

RESULT 137
LOCUS AR188517 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4005 from patent US 6346398.
ACCESSION AR188517
VERSION AR188517.1 GI:20234482
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4005 12-FEB-2002;
FEATURES
source 1. .17
/organism="unknown"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

231 CAGTGGAGAGATC 246

Db 16 CAGTGGAGAGATC 1

RESULT 138
LOCUS AX215228 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 670 from Patent WO0159103.
ACCESSION AX215228
VERSION AX215228.1 GI:15525271
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cdc20 and nogo gene expression

BASE COUNT 3 a 6 c 3 g 5 t

JOURNAL Patent: WO 0159103-A 670 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrita, Bharat M. (US)

FEATURES
source
1.17
Location/Qualifiers
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 4 c 4 g 5 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1220 GCTCTGTGAACCTGCA 1235
DB 17 GATCTGTGAACCTGCA 2

RESULT 139
AX215229 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX215229
DEFINITION Sequence 671 from Patent WO0159103.
ACCESSION AX215229
VERSION AX215229.1 GI:15525272
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Blatt, L., McSwiggen, J. and Chowrita, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 671 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrita, Bharat M. (US)

FEATURES
source
1.17
Location/Qualifiers
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 4 c 4 g 5 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1220 GCTCTGTGAACCTGCA 1235
DB 16 GATCTGTGAACCTGCA 1

RESULT 140
AX499161 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499161
DEFINITION Sequence 468 from Patent EP1229046.
ACCESSION AX499161
VERSION AX499161.1 GI:23381454
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 468 07-AUG-2002;
Aeomica, Inc. (US)
LOCATION/Qualifiers

FEATURES
source
1.17
/organism="Homo sapiens"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 414 GTACGACACTTCGAG 429
DB 2 GTCCGACACTTCGAG 17

RESULT 141
AX499163 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499163
DEFINITION Sequence 470 from Patent EP1229046.
ACCESSION AX499163
VERSION AX499163.1 GI:23381456
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 470 07-AUG-2002;
Aeomica, Inc. (US)
LOCATION/Qualifiers

FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 415 TACCGACACTTCGAGT 430
DB 1 TCCGACACTTCGAGT 16

RESULT 142
AX688603 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX688603
DEFINITION Sequence 1335 from Patent EP1281758.
ACCESSION AX688603
VERSION AX688603.1 GI:29411305
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL mdz12
Patent: EP 1281758-A 1335 05-FEB-2003;
Aeomica, Inc. (US)
LOCATION/Qualifiers

FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 5 c 6 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 338 GGCCCTAGCTGACG 353
Db 2 GGCCCTAGCTGACG 17

RESULT 143
AX688604
LOCUS AX688604 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1336 from Patent EP1281758.
ACCESSION AX688604
VERSION AX688604.1 GI:29411306
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1336 05-FEB-2003; Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 6 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 338 GGCCCTAGCTGACG 353
Db 1 GGCCCTAGCTGACG 16

RESULT 144
AX688729
LOCUS AX688729 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1461 from Patent EP1281758.
ACCESSION AX688729
VERSION AX688729.1 GI:29411433
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1461 05-FEB-2003; Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 5 c 6 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 GTCAGCAGCTGACGT 1075
Db 2 GGCAGCAGCTGACGT 17

RESULT 145
AX688730

LOCUS AX688730 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1462 from Patent EP1281758.
ACCESSION AX688730
VERSION AX688730.1 GI:29411434
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1462 05-FEB-2003; Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 5 c 7 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1060 GTCAGCAGCTGACGT 1075
Db 1 GGCAGCAGCTGACGT 16

RESULT 146
AX688731
LOCUS AX688731 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1463 from Patent EP1281758.
ACCESSION AX688731
VERSION AX688731.1 GI:29411435
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1463 05-FEB-2003; Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 6 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1062 CAGCAGCTGACGTC 1077
Db 2 CAGCAGCTGACGTC 17

RESULT 147
AX688733
LOCUS AX688733 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1465 from Patent EP1281758.
ACCESSION AX688733
VERSION AX688733.1 GI:29411437
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1465 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 1.0%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1063 AGCACTGAGCTTCA 1078
DB 1 AGCACTGAGCTTCA 16

RESULT 148
LOCUS A26386 18 bp DNA linear PAT 07-APR-1995
DEFINITION A26386 probe no.4.
ACCESSION A26386
VERSION A26386.1 GI:904943
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1 (bases 1 to 18)

AUTHORS
TITLE ANTIGEN PROCESSING
JOURNAL Patent: WO 9211289-A 12 09-JUL-1992;
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 6 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1410 CCTCTGGGCTGGGC 1425
DB 1 CCTCTGGGCTGGGC 16

RESULT 149
LOCUS AX599446 18 bp DNA linear PAT 17-FEB-2003
DEFINITION AX599446 Sequence 786 from Patent WO02077272.
ACCESSION AX599446
VERSION AX599446.1 GI:283959590
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1
artificial sequences.

REFERENCE 1
AUTHORS Berlin, K., Braun, A., Dietler, J., Guefig, D., Howe, A., Mueller, J.,
Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Liu, K.,
Lewin, A., Lippe, B., Maier, S., Model, F., Mueller, V., Otto, T.,
Petel, C. and Ziebert, H.

TITLE Methods and nucleic acids for the analysis of hematopoietic cell
proliferative disorders
JOURNAL Patent: WO 02077272-A 786 03-OCT-2002;
Epigenomics AG (DE)

FEATURES
source Location/Qualifiers

1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for MDM1"

BASE COUNT 4 a 0 c 7 g 7 t

Query Match 1.0%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 380 CCTTCACACACGCA 395
DB 17 CCTTCACACACGCA 2

RESULT 150
LOCUS AX412021 19 bp DNA linear PAT 14-JUN-2002
DEFINITION AX412021 Sequence 121 from Patent WO0226968.
ACCESSION AX412021
VERSION AX412021.1 GI:21444486
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1
artificial sequences.

AUTHORS Kornelub, R. G., Lacasse, E., Baird, S., Holcik, M. and Young, S.
TITLE Antisense 1ap nucleic acids and uses thereof
JOURNAL Patent: WO 0226968-A 121 04-APR-2002;
University of Ottawa (CA) ; Aegera Therapeutics Inc. (CA)

FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Based on Homo sapiens"

BASE COUNT 4 a 7 c 2 g 6 t

Query Match 1.0%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 545 TGACCTGGCATTTCAC 560
DB 1 TGACCTGGCATTTCAC 16

RESULT 151
LOCUS AX527791 19 bp DNA linear PAT 21-NOV-2002
DEFINITION AX527791 Sequence 45 from Patent WO0230974.
ACCESSION AX527791
VERSION AX527791.1 GI:25172295
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCES 1
artificial sequences.

REFERENCE 1
AUTHORS Groose, W. M., Alsobrook, J. P., Iepley, D. M., Burgess, C. B., Mishra, V.,
Kekuda, R., Li, L., Padigar, M., Shinkets, R. A., Zernusen, B. D.,
Spytek, K. A., Edinger, S., Gerlach, V., MacDougall, J., Stone, D.,
Gunter, E. and Bierman, K.

TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0230974-A 45 18-APR-2002;
Curagen Corporation (US)

FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

BASE COUNT 2 a 8 c 5 g 4 t

Query Match 1.0%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1435 CTGCTGTCCTCTCA 1450
 DB 3 CTGCGAGTCCTCTCA 18

RESULT 152
 AX686090 19 bp DNA linear PAT 29-MAR-2003
 LOCUS Sequence 134 from Patent WO02064791.
 DEFINITION AX686090
 ACCESSION AX686090
 VERSION AX686090.1 GI:29371908

KEYWORDS
 ORGANISM
 REFERENCE

1
 Alsbrook II, J.P., Anderson, D.W., Burgees, C.E., Boldog, F.L.,
 Casman, S.J., Colman, S.D., Edinger, S.R., Ellerman, K., Gerlach, V.,
 German, L., Grose, W.M., Guo, X., Hermann, J.L., Kekuda, R.,
 Lepley, D.M., Li, L., Macdougall, J.R., Miller, I., Pena, C.E.,
 Peyman, J.A., Raetelli, L., Rieger, D.K., Shinkens, R.A., Smithson, G.,
 Soytek, K.A., Stone, D.J., Tchernev, V.T., Vermet, C.A., Voss, E.Z.,
 Zernhagen, B.D., Zhong, H., and Zhong, M.
 Proteins and nucleic acids encoding same
 Patent: WO 02064791-A 134 22-AUG-2002;
 Curagen Corporation (US)

FEATURES
 source

1. 19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"

BASE COUNT 5 a 8 c 3 g 3 t

Query Match 1.0%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 2.9e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 AGGAGTCAGGGGCTT 947
 DB 18 AGGAGTCAGGGGCTT 3

RESULT 153
 AR315921 20 bp DNA linear PAT 12-JUN-2003
 LOCUS Sequence 6458 from patent US 6559294.
 DEFINITION AR315921
 ACCESSION AR315921
 VERSION AR315921.1 GI:31709347

KEYWORDS
 ORGANISM
 REFERENCE
 AUTHORS
 TITL
 JOURNAL
 FEATURES

1. (bases 1 to 20)
 Griffiths, R., Holiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
 Sankaran, B., and Fletcher, L.D.
 Chlamydia pneumoniae polynucleotides and uses thereof
 Patent: US 6559294-A 6458 06-MAY-2003;
 Location/Qualifiers

BASE COUNT 8 a 7 c 5 g 0 t

Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1426 TGGCTGCTGCTG 1441
 DB 16 TGGCTGCTGCTG 1

RESULT 154
 AX114458 20 bp DNA linear PAT 11-MAY-2001
 LOCUS Sequence 127 from Patent WO0129257.
 DEFINITION AX114458
 ACCESSION AX114458
 VERSION AX114458.1 GI:14031422

KEYWORDS
 ORGANISM
 REFERENCE
 AUTHORS
 TITL
 JOURNAL
 FEATURES

1. 20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 primer_bind
 1. 20
 /note="downstream amplification primer 10-102 for SEQ 1,
 in complement"

BASE COUNT 9 a 2 c 8 g 1 t

Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCTGTGTTCTCTCC 1099
 DB 17 CCTGTGTTCTCTCC 2

RESULT 155
 AX135955 20 bp DNA linear PAT 29-MAY-2001
 LOCUS Sequence 7 from Patent WO0132693.
 DEFINITION AX135955
 ACCESSION AX135955
 VERSION AX135955.1 GI:14272162

KEYWORDS
 ORGANISM
 REFERENCE
 AUTHORS
 TITL
 JOURNAL
 FEATURES

1
 Prawitt, D., Pelletier, J. and Zabel, B.
 TTP-Protein-related mri protein and dna sequence coding therefor
 Patent: WO 0132693-A 7 10-MAY-2001;
 Johannes Gutenberg-Universitaet Mainz (DE)
 Location/Qualifiers

1. 20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Primer"

BASE COUNT 3 a 5 c 6 g 6 t

Query Match 1.0%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 3.2e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 723 CTTCAGGCTTCAG 738
 DB 4 CTTCAGGCTTCAG 19

RESULT 156

LOCUS	AX598337/c	20 bp	DNA	linear	PAT 14-FEB-2002
DEFINITION	Sequence 611 from Patent WO244994.				
ACCESSION	AX598337				
VERSION	AX598337.1	GI:28398513			
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS	1 Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arnude Indig, M., Kurensky, D., Luetke, C., Lukowiak, A.A., Lyamichev, V., Neti, B.P., Reimer, N.D., Roeven, R.T., Skrzypczyski, Z., Ziarno, W.A., Coneford, J., Stump, S. and Wigut, D.D. Systems and method for detection assay production and sale Patent: WO 024994-A 611 06-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)				
TITLE					
JOURNAL					
FEATURES					
source	1..20 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"				
BASE COUNT	5 a 14 g 7 c 6 g 2 t				
Query Match	1.0%; Score 14.4; DB 1; Length 20;				
Best Local Similarity	93.8%; Pred. No. 3.2e+02;				
Matches	15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;				
OR	873 TGAGTCCTCCGCGGAG 888 				
Db	17 TGAGTCCTCCGCGAG 2				
RESULT 157					
LOCUS	AX662813	20 bp	DNA <td>linear</td> <td>PAT 22-MAR-2002</td>	linear	PAT 22-MAR-2002
DEFINITION	Sequence 24 from Patent WO02061134.				
ACCESSION	AX662813				
VERSION	AX662813.1	GI:29163394			
KEYWORDS					
SOURCE					
ORGANISM					
REFERENCE					
AUTHORS	1 Roinson, I.B. and Chang, B.D. Reagents and methods for identifying and modulating expression of tumor senseless genes Patent: WO 02061134-A 24 08-AUG-2002; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)				
TITLE					
JOURNAL					
FEATURES					
source	1..20 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630" /note="PCR primer"				
BASE COUNT	5 a 14 g 8 c 3 g 4 t				
Query Match	1.0%; Score 14.4; DB 1; Length 20;				
Best Local Similarity	93.8%; Pred. No. 3.2e+02;				
Matches	15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;				
OR	1052 TTCAGACGTGACGAC 1067 				
Db	5 TTCAGACTTCAGCAC 20				
RESULT 158					
LOCUS	E11004	20 bp	DNA	linear	PAT 29-SEP-1997
DEFINITION	Primer for detecting human cytochrome P4501A2 polymorphism (one member of a couplet).				
ACCESSION	E11004				
VERSION	E11004.1	GI:22024645			

```

KEYWORDS      JP 1996070897-A/22.
SOURCE        unidentified
ORGANISM      unidentified
REFERENCE     1 (bases 1 to 20)
AUTHORS      Fukui, T., Katsuragi, S., Kinoshita, M. and Shin, T.
TITLE        DETECTION OF POLYMORPHISM OF HUMAN CYTOCHROME P4501A2 GENE
JOURNAL      Patent: JP 1996070897-A 22 19-MAR-1996;
              OTSUKA PHARMACEUT CO LTD

COMMENT       OS      None
              OC      Artificial sequences.
              PN      JP 1996070897-A/22
              PD      19-MAR-1996
              PR      06-JUL-1995 JP 1995170693
              PI      06-JUL-1994 JP 94P 154571
              SHIN TEIKIN
              PC      C12Q1/68, C12N15/09;
              CC      strandedness: Single;
              CC      topology: Linear;
              FH      Key
              FH      Location/Qualifiers
              FT      source
                   1..20
                   /organism="Artificial sequences".
FEATURES
source
    1..20
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

BASE COUNT    9 a      2 c      8 g      1 t

Query Match   1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cyt 1084 CCCTGTTTCTCTCC 1099
      |||||
      16 CCCTGTTTCTCTCC 1

RESULT 159
B50262/c
LOCUS      B50262      20 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Process for producing L-glutamic acid by fermentation.
ACCESSION  B50262
VERSION    B50262.1 GI:18629406
KEYWORDS  JP 2000232890-A/10.
SOURCE    JP 2000232890-A/10.
ORGANISM  synthetic construct
          synthetic construct
          artificial sequences.
          1 (bases 1 to 20)
REFERENCE  Kanno, S., Kimura, E., Matsui, K., Kurahashi, O., Hori, K. and
          Nakamatsu, M.
          Patent: JP 2000232890-A 10 23-AUG-2000;
          AJINOMOTO CO INC
          Artificial Sequence
          PN      JP 2000232890-A/10
          PD      29-AUG-2000
          PR      15-DEC-1999 JP 1999356035
          PI      SOHEI KANNO, EICHIRO KIMURA, KAZUHIKO MATSUI, OSAMU KURAHASHI, PI
          KAZUNARI HORIO,
          MATARU NAKAMATSU
          PC      C12N15/09, C12N1/21, C12N9/02, C12P13/14// (C12N15/09, C12R1:13),
          PC      (C12N15/09, C12N1:13), (C12P13/14, C12R1:13), (C12N15/00, (C12N15/00,
          PC      C12R1:13)
          CC      CC
          CC      CC
          FH      Key
          FH      Location/Qualifiers
          FT      source
                   1..20
                   /organism="Artificial Sequence".
FEATURES
source
    1..20
    Location/Qualifiers

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      7 a 7 c 4 g 2 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      796 GTTGACTTCGCGCATT 811
DB      16 GTTGACTTCGCGCATT 1

RESULT 160
LOCUS      129985      20 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION  Sequence 17 from patent US 5578493.
ACCESSION  129985
VERSION    129985.1 GI:1820776
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Gilliam,T.Conrad. and Tanzi,R.B.
TITLE     Wilson's disease gene.
JOURNAL   Patent: US 5578493-A 17 26-NOV-1996;
FEATURES   Location/Qualifiers
           1..20
           /organism="unknown"

BASE COUNT      6 a 4 c 7 g 3 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      420 CACCTTCAGTCCAG 435
DB      17 CACTTCAGTCCAG 2

RESULT 161
LOCUS      188640      20 bp      DNA      linear      PAT 10-AUG-1998
DEFINITION  Sequence 22 from patent US 5719026.
ACCESSION  188640
VERSION    188640.1 GI:3408560
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Fukui,T., Katsuragi,K., Kinoshita,M. and Shin,S. deceased.
TITLE     Method for detecting polymorphism of human cytochrome P4501A2 gene
JOURNAL   Patent: US 5719026-A 22 17-FEB-1998;
FEATURES   Location/Qualifiers
           1..20
           /organism="unknown"

BASE COUNT      9 a 2 c 8 g 1 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCCTGTCTCTCTCC 1099
DB      16 CCCTGTCTCTCTCC 1

RESULT 162
LOCUS      HUM624UVA      20 bp      DNA      linear      STS 29-MAY-2002

```

```

DEFINITION  A PCR primer for human chromosome 21 sfl I linking clone STS,
LOCATION     21q22.1, sequence tagged site.
ACCESSION  D50181
VERSION    D50181.1 GI:801787
KEYWORDS   STS.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  Bukatyoti, Metaxoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS   Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE     Tanahashi,H., Ito,T., Hattori,M., Ohira,M., Ohki,M., Tashiro,K. and
          Sakaki,Y.
JOURNAL   Sixty new STSs (sequence-tagged sites) of human chromosome 21
MEDLINE   DNA Res. 1 (2), 85-89 (1994)
PUBMED    7584032
REFERENCE  2 (bases 1 to 20)
AUTHORS   Sakaki,Y.
JOURNAL   Direct Submision
          Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical
          science, University of Tokyo, Human Genome Center; 4-6-1
          Shirokanedai Minato-ku, Tokyo 108, Japan
          (E-mail:sakaki@qpc.ims.u-tokyo.ac.jp, Tel.03-5449-5362,
          Fax:03-5449-5445)
          Submitted (28-Apr-1995) to DDBJ by:
          Yoshiyuki Sakaki
          Human Genome Center
          Institute of Medical Science
          University of Tokyo
          4-6-1 Shirokanedai Minato-ku
          Tokyo, 108
          Japan
          Phone: 03-5449-5362
          Fax : 03-5449-5445.

FEATURES     source
           1..20
           /organism="Homo sapiens"
           /mol_type="genomic DNA"
           /db_xref="taxon:9606"
           /chromosome="21"

BASE COUNT      4 a 5 c 5 g 6 t

Query Match      1.0%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      798 TGACTTCGCGCATTCC 813
DB      5 TGAATTCGCGCATTCC 20

RESULT 163
LOCUS      A92487      19 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION  Sequence 3 from Patent W09813693.
ACCESSION  A92487
VERSION    A92487.1 GI:6741194
KEYWORDS
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 19)
AUTHORS   Iweli,R.
TITLE     DIAGNOSTIC AGENT AND METHOD TO DETERMINE PREGNANCY IN RUMINANTS
JOURNAL   Patent: WO 9813693-A 3 02-APR-1998;
FEATURES   IVELL RICHARD (DE); IHF INST FUER HORNON UND FORTP (DE)
           Location/Qualifiers
           1..19
           /organism="unidentified"
           /mol_type="genomic DNA"
           /db_xref="taxon:32644"

BASE COUNT      0 a 4 c 11 g 4 t

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Query Match 1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 320 CGCAGTTCGCGGAGCGCG 338
DB 1 CGCTGTGTGGGTGTGCGG 19

RESULT 164
AX132155/c 19 bp DNA linear PAT 15-MAY-2001
LOCUS AX132155
DEFINITION Sequence 3373 from Patent WO0130362.
ACCESSION AX132155
VERSION AX132155.1 GI:14138460
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Robbins, J.M. and Triltz, R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 3373 03-MAY-2001;
IMMUSOL, INC. (US)
LOCATION/Qualifiers

FEATURES
source 1..19
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/note="Cyclin B1 ribozyme binding site"

BASE COUNT 2 a 3 c 5 g 9 t

Query Match 1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 360 CAGGCACAAAGCAACATC 378
DB 19 CAGTCACAAAGCAAGTC 1

RESULT 165
AX548431/c 19 bp DNA linear PAT 26-NOV-2002
LOCUS AX548431
DEFINITION Sequence 355 from Patent WO0240716.
ACCESSION AX548431
VERSION AX548431.1 GI:25813465
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Palm, K.
TITLE Profiling tumor specific markers for the diagnosis and treatment of neoplastic disease
JOURNAL Patent: WO 0240716-A 355 23-MAY-2002;
Cemine, LLC (US)
LOCATION/Qualifiers

FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Probe"

BASE COUNT 5 a 5 c 5 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 754 AGCAGATCCACCTGTGTG 772
DB 19 AGCAGATCCACCTGTGTG 772

DB 19 AGCAGTTCACATCGTG 3

RESULT 166
AX742614 19 bp DNA linear PAT 12-MAY-2003
LOCUS AX742614
DEFINITION Sequence 417 from Patent RP1302550.
ACCESSION AX742614
VERSION AX742614.1 GI:30576582
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H., Lin, Y.J., Pan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kuo, Y.F., Pan, C.L., and Chan, P.
TITLE Method and detector for identifying subtypes of human papilloma viruses
JOURNAL Patent: RP 1302550-A 417 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
LOCATION/Qualifiers

FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for identifying HPV 67"

BASE COUNT 7 a 9 c 1 g 2 c

Query Match 1.0%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 AACATCAGCTTCACACACA 391
DB 1 AACATCAGCTTCACACACA 19

RESULT 167
A71390/c 20 bp DNA linear PAT 07-MAY-1999
LOCUS A71390
DEFINITION Sequence 1 from Patent WO9810094.
ACCESSION A71390
VERSION A71390.1 GI:4775004
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Serio, M., Orlando, C., Pazzagli, M., and Seestini, R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 1 12-MAR-1998;
SERIO MARIO (IT)
COMMENT Other publication IT F1960208 19980305.
LOCATION/Qualifiers

FEATURES
source 1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 7 a 4 c 6 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 AGTTGACTTTCGATTC 812
DB 19 AGATTGACTTTCGATTC 812

RESULT 168
AR036622/c

LOCUS AR036622 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 22 from patent US 5872242.
ACCESSION AR036622
VERSION AR036622.1 GI:5953290
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Montia,B.P., Coweert,L.M. and Manoharan,M.
TITLE Antisense oligonucleotide inhibition of ras
JOURNAL Patent: US 5872242-A 22 16-FEB-1999;
FEATURES
source Location/Qualifiers
1..20
BASE COUNT 2 a 10 c 4 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

LOCUS AR072302 20 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 105 from patent US 5948611.
ACCESSION AR072302
VERSION AR072302.1 GI:9999066
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Prockop,D.J., Ala-Kokko,L., Williams,C.J., Rivananeni,P.,
Baldwin,C., Hopkinson,I. and Ahmad,N.Nina.
TITLE Primers and methods for detecting mutations in the procollagen II
gene (COL2A1) that indicate a genetic predisposition for a
COL2A1-associated disease
JOURNAL Patent: US 5948611-A 105 07-SEP-1999;
FEATURES
source Location/Qualifiers
1..20
BASE COUNT 6 a 3 c 9 g 2 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

LOCUS AR079642 20 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 22 from patent US 5965722.
ACCESSION AR079642
VERSION AR079642.1 GI:10006383
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Becker,D.J., Cook,P.Dan., Montia,B.P., Pfeifer,S.M. and Sanghvi,Y.S.
TITLE Antisense inhibition of ras gene with chimeric and alternating
oligonucleotides
JOURNAL Patent: US 5965722-A 22 12-OCT-1999;
FEATURES
source Location/Qualifiers

LOCUS AR102405 20 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 30 from patent US 6083923.
ACCESSION AR102405
VERSION AR102405.1 GI:12813203
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Harder,G.B., Geary,R.S., Levin,A., Templin,M.V., Howard,R. and
Mehta,R.C.
TITLE Liposomal oligonucleotide compositions for modulating RAS gene
expression
JOURNAL Patent: US 6083923-A 30 04-JUL-2000;
FEATURES
source Location/Qualifiers
1..20
BASE COUNT 2 a 10 c 4 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

LOCUS AR116543 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 124 from patent US 6133246.
ACCESSION AR116543
VERSION AR116543.1 GI:14096865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Montia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 124 17-OCT-2000;
FEATURES
source Location/Qualifiers
1..20
BASE COUNT 4 a 5 c 7 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

LOCUS AR116543 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 124 from patent US 6133246.
ACCESSION AR116543
VERSION AR116543.1 GI:14096865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Montia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 124 17-OCT-2000;
FEATURES
source Location/Qualifiers
1..20
BASE COUNT 4 a 5 c 7 g 4 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

AR116551 LOCUS AR116551 20 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 132 from patent US 6133246.
 ACCESSION AR116551
 VERSION AR116551.1 GI:14096873
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE McKay, R., Dean, N., Mont, B.P., Nero, P.S. and Garde, W.A.
 JOURNAL Antisense oligonucleotide compositions and methods for the
 modulation of tRNA proteins
 PATENT: US 6133246-A 132 17-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 3 a 10 c 3 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1556 CATGAGCTCCGAGGCTC 1574
 |||||
 Db 2 CACGAGCTCCAGTGTCTC 20

RESULT 174
 AR130115 LOCUS AR130115 20 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 18 from patent US 6187587.
 ACCESSION AR130115
 VERSION AR130115.1 GI:14118012
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Popoff, I., Brown, Driver, V.L. and Cowart, L.M.
 JOURNAL Antisense inhibition of e2f transcription factor 1 expression
 PATENT: US 6187587-A 18 13-FEB-2001;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 5 a 4 c 9 g 2 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 499 GCGGCGGTGATGAGAGA 517
 |||||
 Db 2 GCGGCGGAGATGAGAGA 20

RESULT 175
 AR136393 LOCUS AR136393 20 bp DNA linear PAT 16-JUN-2001
 DEFINITION Sequence 196 from patent US 6136603.
 ACCESSION AR136393
 VERSION AR136393.1 GI:14477065
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Dean, N.M., Karras, J.G. and McKay, R.
 JOURNAL Antisense modulation of interleukin-5 signal transduction
 PATENT: US 6136603-A 196 24-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"

BASE COUNT 7 a 7 c 2 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1312 TGGTTGACAGAGCGGG 1330
 |||||
 Db 20 TGGTTGACAGAGCGGG 2

RESULT 176
 AR136425 LOCUS AR136425 20 bp DNA linear PAT 16-JUN-2001
 DEFINITION Sequence 20 from patent US 6136604.
 ACCESSION AR136425
 VERSION AR136425.1 GI:14477097
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Mont, B.P. and Wyatt, J.
 JOURNAL Antisense inhibition of methionine aminopeptidase 2 expression
 PATENT: US 6136604-A 20 24-OCT-2000;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 0 a 6 c 0 g 14 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 261 TCTCTCTCTCTCTTT 279
 |||||
 Db 1 TCTCTCTCTCTCTTT 19

RESULT 177
 AR144303 LOCUS AR144303 20 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 31 from patent US 6210892.
 ACCESSION AR144303
 VERSION AR144303.1 GI:15106170
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS 1 (bases 1 to 20)
 TITLE Bennett, C., Frank, C., Cooke, S.T., Manoharan, M., Wyatt, J.R., Baker, B.F.,
 Mont, B.P., Freiler, S.M., McKay, R. and Karras, J.G.
 JOURNAL Alteration of cellular behavior by antisense modulation of mRNA
 processing
 PATENT: US 6210892-A 31 03-APR-2001;
 LOCATION/Qualifiers
 1. .20
 /organism="unknown"
 BASE COUNT 7 a 7 c 2 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1312 TGGTTGACAGAGCGGG 1330
 |||||
 Db 20 TGGTTGACAGAGCGGG 2

RESULT 178
 AR201440 LOCUS AR201440 20 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 22 from patent US 6359124.

```

ACCESSION   AR201440
VERSION     AR201440.1
KEYWORDS    GI:20252328
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Becker,D.J., Cook,P., Dan.,, Monte,B.P., Freier,S.M. and Sanghvi,Y.S.
TITLE      Antisense inhibition of ras gene with chimeric and alternating
           oligonucleotides
JOURNAL     Patent: US 6359124-A 22 19-MAR-2002;
           Location/Qualifiers
           source
           1. .20
           /organism="unknown"
BASE COUNT   2 a 10 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 322 CAGGTGCGGAGAGCGCGGC 340
Db 20 CAGGTGCGGAGAGAGCGGC 2

RESULT 179
LOCUS       AR203108 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 27 from patent US 6365354.
ACCESSION   AR203108
VERSION     AR203108.1
KEYWORDS    GI:21499412
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Bennett,C.Frank. and Wyatt,J.
TITLE      Antisense modulation of lysophospholipase I expression
JOURNAL     Patent: US 6365354-A 27 02-APR-2002;
           Location/Qualifiers
           source
           1. .20
           /organism="unknown"
BASE COUNT   4 a 7 c 4 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1022 AAGGCTTCTGCGCGGCT 1040
Db 2 AAGGCTTCTGCGGCATCCGT 20

RESULT 180
LOCUS       AR203109 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 28 from patent US 6365354.
ACCESSION   AR203109
VERSION     AR203109.1
KEYWORDS    GI:21499413
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Bennett,C.Frank. and Wyatt,J.
TITLE      Antisense modulation of lysophospholipase I expression
JOURNAL     Patent: US 6365354-A 28 02-APR-2002;
           Location/Qualifiers
           source
           1. .20
           /organism="unknown"
BASE COUNT   4 a 8 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;

```

```

Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1020 CAAAGCTTCTGCGCGTC 1038
Db 2 CAAAGCTTCTGCCATCC 20

RESULT 181
LOCUS       AR208773 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 72 from patent US 6383808.
ACCESSION   AR208773
VERSION     AR208773.1
KEYWORDS    GI:21510015
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Monte,B.P. and Freier,S.M.
TITLE      Antisense inhibition of clusterin expression
JOURNAL     Patent: US 6383808-A 72 07-MAY-2002;
           Location/Qualifiers
           source
           1. .20
           /organism="unknown"
BASE COUNT   9 a 7 c 2 g 2 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 366 CAAAGCAACATCACCCTTC 384
Db 2 CAAAGCAACATCCACATC 20

RESULT 182
LOCUS       AR217884 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 2 from patent US 6417169.
ACCESSION   AR217884
VERSION     AR217884.1
KEYWORDS    GI:23318009
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE      Insulin-like growth factor II antisense oligonucleotide sequences
           and methods of using same to inhibit cell growth
JOURNAL     Patent: US 6417169-A 2 09-JUL-2002;
           Location/Qualifiers
           source
           1. .20
           /organism="unknown"
BASE COUNT   2 a 4 c 12 g 2 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1311 CTGGTTGCAGAGCGCGG 1329
Db 2 CTGGTGGCGAGCGCGG 20

RESULT 183
LOCUS       AR221444 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 83 from patent US 6426220.
ACCESSION   AR221444
VERSION     AR221444.1
KEYWORDS    GI:23328494
SOURCE      Unknown.

```

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C.P. and Cowse, L.M.
TITLE Antisense modulation of calcitriol expression
JOURNAL Patent: US 6426220-A 83 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 4 a 5 c 8 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1572 CTCTGCTCGAGGAGCA 1590
Db 1 CTCTGCTCGAGGAGCA 19

RESULT 184
LOCUS AR221468 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 18 from patent US 6426221.
ACCESSION AR221468
VERSION AR221468.1 GI:23328518
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ward, D.T. and Cowse, L.M.
TITLE Antisense modulation of RIP2 expression
JOURNAL Patent: US 6426221-A 18 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 1 a 10 c 4 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1326 CGGGCCATGAGGGGAG 1344
Db 20 CGGGCCATGAGGGGAG 2

RESULT 185
LOCUS AR300657 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 25 from patent US 6537811.
ACCESSION AR300657
VERSION AR300657.1 GI:31688206
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Preter, S.M.
TITLE Antisense inhibition of SAP-1 expression
JOURNAL Patent: US 6537811-A 25 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 4 a 4 c 5 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TCTGTGAAGTGCAGCTGA 1240
Db 1 TCTGTGAAGTGCAGCTGA 1240

Db 2 TCTTGAAGTGTGCTCTGA 20

RESULT 186
LOCUS AR307936 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 147 from patent US 6551826.
ACCESSION AR307936
VERSION AR307936.1 GI:31696692
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.
TITLE Antisense modulation of raidd expression
JOURNAL Patent: US 6551826-A 147 22-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 4 a 9 c 2 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 402 GTCTTCTCGAGTACCGC 420
Db 2 GTCTTCTCGAGTACCGC 20

RESULT 187
LOCUS AR307953 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 164 from patent US 6551826.
ACCESSION AR307953
VERSION AR307953.1 GI:31698709
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.
TITLE Antisense modulation of raidd expression
JOURNAL Patent: US 6551826-A 164 22-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

BASE COUNT 5 a 7 c 7 g 1 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1288 GAGCTGTGTCTGCGCG 1306
Db 19 GAGCTGTGTCTGCTCTC 1

RESULT 188
LOCUS AX020034 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 48 from Patent WO9937764.
ACCESSION AX020034
VERSION AX020034.1 GI:10043863
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Vengeler, M.P. and David, G.J.
TITLE New members of the glypican gene family

JOURNAL Patent: WO 9937764-A 48 29-JUL-1999;
 VERGELERS MARK PAUL DITTMAR (BE); VLAMS INTERUNIV INST BIOTEC
 (BE); DAVID GUIDO JOSEPH FRANS (BE)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 381 CTTCAACACACGACACC 399
 |||||
 19 CTTCAACACGACGATGCC 1

RESULT 189
 LOCUS AX020073 20 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 87 from Patent WO9937764.
 ACCESSION AX020073
 VERSION AX020073.1 GI:10043903
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 REFERENCE
 AUTHORS 1
 TITLE Veugelers, M.P. and David, G.J.
 JOURNAL New members of the glypican gene family
 Patent: WO 9937764-A 87 29-JUL-1999;
 VERGELERS MARK PAUL DITTMAR (BE); VLAMS INTERUNIV INST BIOTEC
 (BE); DAVID GUIDO JOSEPH FRANS (BE)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 381 CTTCAACACACGACACC 399
 |||||
 19 CTTCAACACGACGATGCC 1

RESULT 190
 LOCUS AX020673 20 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 173 from Patent WO9934016.
 ACCESSION AX020673
 VERSION AX020673.1 GI:10044370
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
 REFERENCE
 AUTHORS 1
 TITLE Vidler, B.Z.
 JOURNAL A method for identifying and characterizing cells and tissues
 Patent: WO 9934016-A 173 08-JUL-1999;
 GENEVA LTD (IL); VIDLER BEN ZION (IL)
 FEATURES
 SOURCE
 1. .20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 5 c 5 g 6 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 985 ACCCTGTTGCCACGGCT 1003
 |||||
 1 ACCCTGATGGACAGCTG 19

RESULT 191
 LOCUS AX061801 20 bp DNA linear PAT 24-JAN-2001
 DEFINITION Sequence 2 from Patent WO0078967.
 ACCESSION AX061801
 VERSION AX061801.1 GI:12539881
 KEYWORDS
 SOURCE
 ORGANISM
 SYNTHETIC CONSTRUCT
 SYNTHETIC CONSTRUCT
 ARTIFICIAL SEQUENCES.
 REFERENCE
 AUTHORS 1
 TITLE Plietard, J., Simon, J.L. and Chevalleret, P.
 JOURNAL Avirulent xanthomonas-campesstris strains producing xanthan
 Patent: WO 0078967-A 2 28-DEC-2000;
 RHODIA CHIMIE (FR)
 FEATURES
 SOURCE
 1. .20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="amorce"
 BASE COUNT 4 a 5 g 7 c 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 GATCCACTCTGTGACAG 777
 |||||
 1 GTTCCACTGTGTGACAG 19

RESULT 192
 LOCUS AX180388 20 bp DNA linear PAT 06-AUG-2001
 DEFINITION Sequence 25 from Patent WO0146260.
 ACCESSION AX180388
 VERSION AX180388.1 GI:15133325
 KEYWORDS
 SOURCE
 ORGANISM
 SYNTHETIC CONSTRUCT
 SYNTHETIC CONSTRUCT
 ARTIFICIAL SEQUENCES.
 REFERENCE
 AUTHORS 1
 TITLE Starling, G.C. and Finger, J.
 JOURNAL Novel immunoglobulin superfamily members apex-1, apex-2 and apex-3
 Patent: WO 0146260-A 25 28-JUN-2001;
 Bristol-Myers Squibb Co. (US)
 FEATURES
 SOURCE
 1. .20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="UNP22 PRIMER"
 BASE COUNT 5 a 3 c 6 g 6 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCGATGACCTGAGCTCA 541
 |||||

Db 20 CCATTACCTGAGAGTTA 2

RESULT 193
AX293011/c 20 bp DNA linear PAT 21-NOV-2001
LOCUS
DEFINITION Sequence 4773 from Patent WO0179548.
ACCESSION AX293011
VERSION
KEYWORDS AX293011.1 GI:17054694

SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
1 Barany, F., Zilrvi, M., Gerry, N.P., Pavis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Sequence differences using ligase detection reaction
PATENT: WO 0179548-A 4773 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 6 a 4 c 7 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 390 CAACGACACCGTGTCTTC 408
Db 20 CATCGACACCGTGTCTTC 2

RESULT 194
AX297126 20 bp DNA linear PAT 21-NOV-2001
LOCUS
DEFINITION Sequence 8888 from Patent WO0179548.
ACCESSION AX297126
VERSION AX297126.1 GI:17058817

SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
1 Barany, F., Zilrvi, M., Gerry, N.P., Pavis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Sequence differences using ligase detection reaction
PATENT: WO 0179548-A 8888 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

BASE COUNT 4 a 9 c 4 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 998 ACGGATCATCTACCCACC 1016
Db 1 ACGGATCATCTACCCACC 19

RESULT 195
AX298809/c 20 bp DNA linear PAT 26-NOV-2001
LOCUS
DEFINITION Sequence 443 from Patent WO0183749.

ACCESSION AX298809
VERSION AX298809.1 GI:17128799
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
JOURNAL Compounds and other sweeteners
PATENT: WO 0183749-A 443 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"

BASE COUNT 7 a 0 c 10 g 3 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 CTTGCATTCACACCCCTC 567
Db 20 CTTGCATTCACACCCCTC 2

RESULT 196
AX298836 20 bp DNA linear PAT 26-NOV-2001
LOCUS
DEFINITION Sequence 470 from Patent WO0183749.
ACCESSION AX298836
VERSION AX298836.1 GI:17128826

SOURCE
ORGANISM
Mus sp.
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
JOURNAL Compounds and other sweeteners
PATENT: WO 0183749-A 470 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="genomic DNA"
/db_xref="taxon:10095"

BASE COUNT 3 a 10 c 0 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 CTTGCATTCACACCCCTC 567
Db 1 CTTGCATTCACACCCCTC 19

RESULT 197
AX354307 20 bp DNA linear PAT 06-FEB-2002
LOCUS
DEFINITION Sequence 5 from Patent WO0194638.
ACCESSION AX354307
VERSION AX354307.1 GI:18619166

```

SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Chen, C., Egholm, M. and Hafl, L.
TITLE       Asynchronous primed PCR
JOURNAL     Patent: WO 0194638-A 5 13-DEC-2001;
            Applera Corporation (US)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

BASE COUNT      0 a . 9 c 4 g 7 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1437 GCTGTCCTGTCATCTGC 1455
Db      1 GCTGTCCTGTCCTCTCTCC 19

RESULT 198
AX377013/c 20 bp DNA linear PAT 16-MAR-2002
LOCUS      AX377013
DEFINITION Sequence 8 from Patent WO0212890.
ACCESSION  AX377013
VERSION     AX377013.1 GI:19573307
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Lamb, J.R., Hoyme, G.F., Dailman, M.J. and Champion, B.R.
TITLE       Assay
JOURNAL     Patent: WO 0212890-A 8 14-FEB-2002;
            Lorantis Limited (GB)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

BASE COUNT      3 a 10 c 2 g 5 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      1279 GGAAGATTGAGCGCTGG 1297
Db      20 GTGAAGAGTGAAGCCGCTGG 2

RESULT 199
AX411642/c 20 bp DNA linear PAT 14-JUN-2002
LOCUS      AX411642
DEFINITION Sequence 12 from Patent WO0226941.
ACCESSION  AX411642
VERSION     AX411642.1 GI:21444185
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     van der Kooy, D. and Tropepe, V.
TITLE       Primitive neural stem cells and method for differentiation of stem
            cells to neural cells
JOURNAL     Patent: WO 0226941-A 12 04-APR-2002;
            van der Kooy, Derek (CA) ; Tropepe, Vincent (US)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="PRIMER"

BASE COUNT      2 a 8 c 4 g 6 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="antisense"

BASE COUNT      4 a 6 c 6 g 4 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      481 AACATCTGTCCTGCGTG 499
Db      20 AACACCTGTCCTGCGTG 2

RESULT 200
AX487197 20 bp DNA linear PAT 16-AUG-2002
LOCUS      AX487197
DEFINITION Sequence 4497 from Patent WO02053728.
ACCESSION  AX487197
VERSION     AX487197.1 GI:22321345
KEYWORDS
SOURCE      Candida albicans
            Candida albicans
            Bacteria; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
            Saccharomycetales; mitosporic Saccharomycetales; Candida.
REFERENCE    1
AUTHORS     Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L.
TITLE       Gene disruption methodologies for drug target discovery
JOURNAL     Patent: WO 02053728-A 4497 11-JUN-2002;
            Elitza Pharmaceuticals, Inc. (US)
FEATURES     location/Qualifiers
            1..20
            /organism="Candida albicans"
            /mol_type="genomic DNA"
            /db_xref="taxon:5476"

BASE COUNT      6 a 8 c 4 g 2 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      998 ACGGTCATCTACCCACC 1016
Db      1 AAGGTCACGACACCACC 19

RESULT 201
AX553860/c 20 bp DNA linear PAT 27-NOV-2002
LOCUS      AX553860
DEFINITION Sequence 194 from Patent WO02075507.
ACCESSION  AX553860
VERSION     AX553860.1 GI:25897858
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE    1
AUTHORS     Lowery, D.B., Fuller, T.R. and Kennedy, M.J.
TITLE       Anti-bacterial vaccine compositions
JOURNAL     Patent: WO 02075507-A 194 26-SEP-2002;
            Pharmacia & Upjohn Company (US)
FEATURES     location/Qualifiers
            1..20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="PRIMER"

BASE COUNT      2 a 8 c 4 g 6 t

Query Match      1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 308 AGGCGAGAGCGGAGGT 326
 DB 19 AGGACAGAGTCCGCGAGT 1

RESULT 202
 AXS87353/c
 LOCUS AXS87353 20 bp DNA PAT 10-JAN-2003
 DEFINITION Sequence 129 from Patent WO0236761.
 ACCESSION AXS87353
 VERSION AXS87353.1 GI:27656218
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS D'Andrea,A.D., Taniguchi,T., Timmers,C. and Grome,M.
 TITLE Methods and compositions for the diagnosis of cancer susceptibility and defective dna repair mechanisms and treatment thereof
 JOURNAL Patent: WO 0236761-A 129 10-MAY-2002;
 DANA FARBER CANCER INSTITUTE (US)
 FEATURES
 source Location/Qualifiers
 1..20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="MG790"

BASE COUNT 4 a 8 c 3 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1313 GGTTCGAGAGCGGCGC 1331
 DB 20 GGTTCGAGAGCGGCGC 2

RESULT 203
 BD006255/c
 LOCUS BD006255 20 bp DNA linear PAT 31-JAN-2002
 DEFINITION Antisense inhibition of ras gene with chimeric and alternating oligonucleotides.
 ACCESSION BD006255
 VERSION BD006255.1 GI:18634626
 KEYWORDS JP 2001500530-A/22.
 SOURCE JP 2001500530-A/22.
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Becker,D.J., Cook,P.D., Monie,B.P., Freier,S.M. and Sang,Y.S.
 TITLE Antisense inhibition of ras gene with chimeric and alternating oligonucleotides
 JOURNAL Patent: JP 2001500530-A 22 16-JAN-2001;
 ISIS PHARMACEUTICALS INC
 COMMENT
 OS Artificial Sequence
 PN JP 2001500530-A/22
 PD 16-JAN-2001
 PR 30-APR-1998 JP 1998547418
 PT 30-APR-1997 US 08/848840
 PI DAVID J BECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI YOGESH S SANGHVI
 PC C12Q1/68, C12P19/34, C07H19/16, C07H19/167, C07H19/173, C07H19/067,
 PC C07H19/06,
 PC C07H19/09, C07H21/04, A61K48/00
 CC
 FH Key Location/Qualifiers
 FT source 1..20
 /organism="Artificial Sequence".
 1..20
 Location/Qualifiers

BASE COUNT 2 a 10 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 322 CAGTCGCGGAGCGCGC 340
 DB 20 CAGTCGCGGAGAGAGGCC 2

RESULT 204
 BD073149/c
 LOCUS BD073149 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION Antisense oligonucleotide inhibition of RAS.
 ACCESSION BD073149
 VERSION BD073149.1 GI:22618752
 KEYWORDS JP 2001509394-A/22.
 SOURCE JP 2001509394-A/22.
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Monia,B.P., Cowcert,L.M. and Manoharan,M.
 TITLE Antisense oligonucleotide inhibition of RAS
 JOURNAL Patent: JP 2001509394-A 22 24-JUL-2001;
 ISIS PHARMACEUTICALS INC
 COMMENT
 OS Unidentified
 PN JP 2001509394-A/22
 PD 24-JUL-2001
 PR 06-JUL-1998 JP 2000502223
 PR 08-JUL-1997 US 08/889296
 PI BRETT P MONIA, LEX M COWCERT, MUSIA MANOHARAN
 PC C12N15/09, A61K31/7088, A61K48/00, A61P35/00, C12N15/00 CC
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense oligonucleotide inhibition of RAS
 FH Key Location/Qualifiers
 FT source 1..20
 /organism="Unidentified".
 Location/Qualifiers

BASE COUNT 2 a 10 c 4 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 3.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 322 CAGTCGCGGAGCGCGC 340
 DB 20 CAGTCGCGGAGAGAGGCC 2

RESULT 205
 BD074700/c
 LOCUS BD074700 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.
 ACCESSION BD074700
 VERSION BD074700.1 GI:22620303
 KEYWORDS JP 2001514905-A/124.
 SOURCE JP 2001514905-A/124.
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS McKay,R., Dean,N., Monia,B.P., Scott,P., Nero and Garde,M.A.
 TITLE Antisense oligonucleotide composition and modulation method of JNK protein

JOURNAL Patent: JP 2001514905-A 124 18-SEP-2001;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2001514905-A/124
PD 18-SEP-2001
PR 07-AUG-1998 JP 2000509875
PI 13-AUG-1997 US 08/910629
PI ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI
NERO, WILLIAM A GAARDE
PC C1201/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,
PC C12N15/00
CC antisense sequence
CC Key
FT source
FT 1..20
Location/Qualifiers
/organism='Artificial Sequence'.
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
4 a 5 c 7 g 4 t

BASE COUNT 4 a 5 c 7 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 701 TCACCACTCCGACTCTCG 719
Db 19 TCACCACTCCGACTCTCG 1

RESULT 206
LOCUS BD074708 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Antisense oligonucleotide composition and modulation method of JNK protein.
ACCESSION BD074708
VERSION BD074708.1 GI:22620311
KEYWORDS JP 2001514905-A/132.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE McKay, R., Dean, N., Monia, B.P., Scott, P., Nero and Gaarde, W. A.
Antisense oligonucleotide composition and modulation method of JNK protein
TITLE JP 2001514905-A 132 18-SEP-2001;
JOURNAL ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2001514905-A/132
PD 18-SEP-2001
PR 07-AUG-1998 JP 2000509875
PI 13-AUG-1997 US 08/910629
PI ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI
NERO, WILLIAM A GAARDE
PC C1201/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,
PC C12N15/00
CC antisense sequence
CC Key
FT source
FT 1..20
Location/Qualifiers
/organism='Artificial Sequence'.
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
3 a 10 c 3 g 4 t

BASE COUNT 3 a 10 c 3 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1556 CATTAGCTCCCAAGGCTC 1574
Db 1556 CATTAGCTCCCAAGGCTC 1574

Db 2 CACCACTCCCAAGGCTC 20

RESULT 207
LOCUS BD128254 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128254
VERSION BD128254.1 GI:23223199
KEYWORDS JP 2002017375-A/3685.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,
Makamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and
Koga, H.
Primer for synthesizing full-length cDNA and use thereof
TITLE Patent: JP 2002017375-A 3685 22-JAN-2002;
JOURNAL HELLIX RESEARCH INSTITUTE
COMMENT OS Unidentified
PN JP 2002017375-A/3685
PD 22-JAN-2002
PR 07-JUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
PI YURI KAWAI, AI MAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/00, C12N5/10,
PC C12P21/02, C12Q1/68, C12P21/08, G06F17/30, C12N15/00, C12N5/00 CC
Description of Artificial Sequence: an artificially CC
synthesized primer
CC sequence
CC Key
FT source
FT 1..20
Location/Qualifiers
/organism='Unidentified'.
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
8 a 0 c 8 g 4 t

BASE COUNT 8 a 0 c 8 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1490 GGAGTACTAGTAAAGCG 1508
Db 1 GGAGTACTAGTAAAGCG 1508

RESULT 208
LOCUS BD167361 20 bp DNA linear PAT 17-JAN-2003
DEFINITION Method of modification of biodegradable polyester synthase.
ACCESSION BD167361
VERSION BD167361.1 GI:27873173
KEYWORDS JP 2002199890-A/36.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 20)
REFERENCE Dol, Y. and Taguchi, S.
Method of modification of biodegradable polyester synthase
TITLE Patent: JP 2002199890-A 36 16-JUL-2002;
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002199890-A/36

PD 16-JUL-2002
PF 28-FEB-2001 JP 2001054717
PI YOSHIMARU DOI, SEIICHI TAGUCHI
PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/00, C12N9/04, C12N9/10,
PC C12N9/88, C12P7/62, C12N15/00, C12N5/00
CC Description of Artificial Sequence: synthetic DNA FH Key
FT source 1.20
Location/Qualifiers
/organism='Artificial Sequence'.
1.20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 7 c 7 g 5 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 303 CCTGAGGCGGAGAGCCG 321
DB 20 CCTGAGGCGGAGAGCCG 2

RESULT 209
BD171790 20 bp DNA linear PAT 18-FEB-2003
LOCUS Method for detecting microorganisms, and primer set for detecting
DEFINITION microorganisms.
ACCESSION BD171790
VERSION BD171790.1 GI:28413084
KEYWORDS JP 2002223766-A/48.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Ezaki, T.
TITLE Method for detecting microorganisms, and primer set for detecting
JOURNAL microorganisms
PATENT: JP 2002223766-A 48 13-AUG-2002;
RAKAN CO LTD, TAKAYUKI EZAKI, KATSUMI ENDO
OS Artificial Sequence
PN JP 2002223766-A/48
PD 13-AUG-2002
PF 31-JAN-2001 JP 2001023742
PI TAKAYUKI EZAKI
PC C12N15/09, C12Q1/68, (C12N15/09, C12R1:01), (C12N15/09, C12R1:385), PC
(C12N15/09, C12R1:19), (C12N15/09, C12R1:325), (C12N15/09 PC
, C12R1:645), C12N15/00,
PC (C12N15/00, C12R1:01), (C12N15/00, C12R1:385), (C12N15/00, C12R1:19) PC
PC (C12N15/00, C12R1:325), (C12N15/00, C12R1:645)
CC Description of Artificial Sequence: synthesized Primer Sequence
CC Universal for Fungal
CC Key Location/Qualifiers
FT source 1.20
/organism='Artificial Sequence'.
1.20
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 5 a 8 c 3 g 4 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1390 ATGCATATGCCAGTACG 1408
DB 1 ATGCCTATCCCGACG 19

RESULT 210
BD178851 20 bp DNA linear PAT 16-APR-2003
LOCUS Gene panel for genes involving liver regeneration.
DEFINITION BD178851
ACCESSION BD178851
VERSION BD178851.1 GI:30016118
KEYWORDS WO 02077222-A/189.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Yokoyama, F., Okutani, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H.,
Aburatani, H. and Sonaka, I.
TITLE Gene panel for genes involving liver regeneration
JOURNAL Patent: WO 02077222-A 189 03-OCT-2002;
AUTOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA
OS Artificial Sequence
PN WO 02077222-A/189
PD 03-OCT-2002
PF 13-MAR-2002 WO 2002JP002372
PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI PI
TAKAHARA, HISAO FUKUDA,
PI HIROYUKI ABURATANI, ICHIRO SONAKA
PC C12N15/09, C12Q1/68, G01N33/15, G01N37/00 CC
FH Key
FT source 1.20
Location/Qualifiers
/organism='Artificial Sequence'.
1.20
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 3 a 4 c 6 g 7 t

Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 223 TCCTTCACATGTGGAGG 241
DB 2 TCCTTCACATGTGGAGG 20

RESULT 211
E13817 20 bp DNA linear PAT 27-APR-1998
LOCUS PCR primer for gaining mutated Bacillus alpha-glucosidase gene.
DEFINITION E13817
ACCESSION E13817
VERSION E13817.1 GI:3252585
KEYWORDS JP 1997234081-A/2.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Ochiai, M., Nakayama, T. and Shibano, Y.
TITLE NEW ALPHA-GLUCOSIDASE
JOURNAL Patent: JP 1997234081-A 2 09-SEP-1997;
SUNTORY LTD
OS None
OC Artificial sequences.
PN JP 1997234081-A/2
PD 09-SEP-1997
PF 04-MAR-1996 JP 1996084388
PI OCHIAI MISA, NAKAYAMA TORU, SHIBANO YUJI

PC C12N15/09,C07H21/04,C12N1/21,C12N9/26,(C12N1/21,C12R1:19), PC
(C12N9/26,
PC C12R1:19);
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..20
FEATURES
source Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 8 c 5 g 3 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 756 CAGATCCACCTCGTGAC 774
|||||
Db 1 CAGATCCACCGCCTTGAC 19
|||||
RESULT 212
E32534/c E32534 20 bp DNA 11linear PAT 18-JUN-2001
LOCUS Scavenger receptor-like protein.
E32534
ACCESSION E32534.1 GI:13026781
VERSION JP 1999123094-A/34.
KEYWORDS JP 1999123094-A/34.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE 1 (bases 1 to 20)
AUTHORS Yunque, N. and Ryuji, T.
TITLE Scavenger receptor-like protein
JOURNAL Patent: JP 1999123094-A 34 11-MAY-1999;
JOURNAL JAPAN TOBACCO INC
OS Artificial Sequence
PN JP 1999123094-A/34
PD 11-MAY-1999
PR 30-JUL-1998 JP 1998230121
PI YUSUKE NAKAMURA, RYUJI TOKINO
PC C12N15/09,C07K14/705,C07K16/28,C12N1/19,C12N5/10,C12P21/02, PC
C12P21/08//
PC (C12N1/19,C12R1:645), (C12N5/10,C12R1:91), (C12P21/02,C12R1:645), PC
FH Key Location/Qualifiers
FT source 1..20
FEATURES
source Location/Qualifiers
1..20
/organism="Artificial Sequence".
BASE COUNT 8 a 3 c 6 g 3 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1061 TCAGACCTGCAGGTTGAG 1079
|||||
Db 19 TCAGCTCTCATGTTGAG 1
|||||
RESULT 213

126413/c 126413 20 bp DNA 11linear PAT 07-OCT-1996
LOCUS Sequence 105 from patent US 5558988.
126413
ACCESSION 126413
VERSION 126413.1 GI:1606283
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Prokop, D.J., Ala-Kotko, L. and Rytvanemi, P.
TITLE Primers and methods for detecting mutations in the procollagen II
JOURNAL gene that indicate a genetic predisposition for osteoarthritis
PATENT: US 5558988-A 105 24-SEP-1996;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
BASE COUNT 6 a 3 c 9 g 2 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 861 CTTGATGACTCGTAGTCC 879
|||||
Db 20 CTTGATGCTCTCGAGCCC 2
|||||
RESULT 214
186612 20 bp DNA 11linear PAT 10-JUN-1998
LOCUS Sequence 3 from patent US 5702890.
186612
ACCESSION 186612
VERSION 186612.1 GI:3206330
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Housman, D.E.
TITLE Inhibitors of alternative alleles of genes as a basis for cancer
JOURNAL therapeutic agents
PATENT: US 5702890-A 3 30-DEC-1997;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
BASE COUNT 1 a 8 c 6 g 5 t
Query Match 1.0%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1294 GTGTCCTGCGCGTCTCT 1312
|||||
Db 1 GAGTCCTCCCGCTCTCT 19
|||||

RESULT 215
DOGALB 20 bp DNA 11linear SRS 09-APR-1996
LOCUS Dogalbe
DEFINITION Canis familiaris Albumin (ALB) SRS DNA, 3' primer, sequence tagged
site.
L77375
ACCESSION L77375.1 GI:1256665
VERSION SRS; Albumin; PCR identification; PCR primer; sequence tagged site;
KEYWORDS universal mammalian SRS.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Bukaryota; Metazoa; Chordata; Cranialia; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE Venta, P.J., Brouillette, J.A., Yuzbaslyan-Gurken, V. and Brewer, G.J.
AUTHORS Gene-specific universal mammalian sequence-tagged sites:
TITLE

Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 417 CCGACCTTCAGT 430
Db 1 CCGACCTTCAGT 14

RESULT 220
LOCUS AX579547/c 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1385 from Patent WO0211674.
ACCESSION AX579547
VERSION AX579547.1 GI:27648749
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., McSwigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
JOURNAL Patent: WO 0211674-A 1385 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
SOURCE Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 2 c 5 g 8 t

Query Match 1.0%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 744 CCGAGACATCAGCA 757
Db 15 CCGAGACATCAGCA 2

RESULT 221
LOCUS AX579826/c 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1664 from Patent WO0211674.
ACCESSION AX579826
VERSION AX579826.1 GI:27649028
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., McSwigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grube, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
JOURNAL Patent: WO 0211674-A 1664 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
SOURCE Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 744 CCGAGACATCAGCA 757
Db 17 CCGAGACATCAGCA 4

RESULT 222
LOCUS BD086289 17 bp DNA linear PAT 27-AUG-2002
DEFINITION G protein-coupled receptor and utilization thereof.
ACCESSION BD086289
VERSION BD086289.1 GI:22631899
KEYWORDS JP 2001525174-A/5.
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
AUTHORS Goodheart, A.D., Glucksmann, A.M., Xie, M. and Distefano, P.
TITLE G protein-coupled receptor and utilization thereof
JOURNAL Patent: JP 2001525174-A 5 11-DEC-2001;
MILLENNIUM PHARMACEUTICALS INC

COMMENT OS Unidentified
PN JP 2001525174-A/5
PD 11-DEC-2001
PF 04-DEC-1998 JP 2000523346
PR 04-DEC-1997 US 08/985090, 17-MAR-1998 US 09/042780 PI
ANDREW D J GOODHEART, ALEXANDRA M GLUCKSMANN, MICHAEL XIE, PETER PI
DISTEFANO

PC C12N15/09, C07K14/705, C07K16/28, C12N5/10, C12P21/02, C12Q1/68//
PC (C12P21/02, C12R1:91), C12N15/00, C12N5/00
CC Strandedness: Single;
CC Topology: linear;
CC G protein-coupled receptor and utilization thereof FH Key

FT source
1..17
Location/Qualifiers

FEATURES

1..17
/organism="Unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 2 a 5 c 8 g 2 t

Query Match 1.0%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1325 GCGGGCCATCAGAG 1338
Db 4 GCGGGCCATCAGAG 17

RESULT 223
LOCUS AR098762/c 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 17 from patent US 6077672.
ACCESSION AR098762
VERSION AR098762.1 GI:12808528
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Mont, B.P. and Coweatt, L.M.
TITLE Antisense modulation of TRAPD expression
JOURNAL Patent: US 6077672-A 17 20-JUN-2000;
Location/Qualifiers

1..18
/organism="unknown"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 7 c 5 g 2 t

Query Match 1.0%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 874 GAGCTCGCTGGA 887
 DB 15 GAGCTCGCTGGA 2

RESULT 224
 LOCUS BD088792 18 bp DNA linear PAT 27-AUG-2002
 DEFINITION A method of arraying genome clone.
 ACCESSION BD088792.1 GI:22634402
 VERSION JP 2001321190-A/1036.
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Soeda, E.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1036 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
 OS Artificial Sequence
 PN JP 2001321190-A/1036
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIIICHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence: Synthetic DNA FH Key
 Location/Qualifiers
 FT source 1..18
 FT location/Qualifiers 1..18
 FT /organism='Artificial Sequence'.

BASE COUNT 2 a 5 c 7 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 TGAGCTGTGCTCC 1300
 DB 2 TGAGCTGTGCTCC 15

RESULT 225
 LOCUS AB068357 18 bp DNA linear SYN 21-MAY-2003
 DEFINITION Synthetic construct DNA, reverse primer for human STS sts-R24401R
 at 1p36.
 ACCESSION AB068357.1 GI:15129161
 VERSION AB068357.1
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
 Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
 Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
 and Soeda, E.
 TITLE A BAC-based STS-content map spanning a 35-Mb region of human
 chromosome 1p35-p36
 JOURNAL Genomics 74 (1), 55-70 (2001)
 MEDLINE 21269192
 PUBMED 11374902
 REFERENCE 2 (bases 1 to 18)
 AUTHORS Horii, A.

TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
 Medicine Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai,
 Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
 Tel: 81-22-717-8042, Fax: 81-22-717-8047)

FEATURES
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 /organism='synthetic construct'
 /mol_type='genomic DNA'
 /db_xref='taxon:32630'
 misc_feature 1..18
 /note='reverse primer for human STS sts-R24401R at 1p36
 sts-R24401R obtained from clones B24401, B364c12,
 B30119, B220M17, B21815, B181A23, B319H13, Human BAC
 library RPCI-11'

BASE COUNT 2 a 5 c 7 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 TGAGCTGTGCTCC 1300
 DB 2 TGAGCTGTGCTCC 15

RESULT 226
 LOCUS AR067198 19 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 546 from patent US 5851760.
 ACCESSION AR067198
 VERSION AR067198.1 GI:5998420
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Evans, G.A. and Smith, M.W.
 TITLE Method for generation of sequence sampled maps of complex genomes
 JOURNAL Patent: US 5851760-A 546 22-DEC-1998;
 FEATURES
 source 1..19
 /organism='unknown'

BASE COUNT 4 a 7 c 4 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 884 TGAGTTCTACAGC 897
 DB 18 TGAGTTCTACAGC 5

RESULT 227
 LOCUS AR141609 19 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 7 from patent US 6146868.
 ACCESSION AR141609
 VERSION AR141609.1 GI:15101125
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kozel, T.R., Bloomer, S.L. and Savoy, A.C.
 TITLE Glucuronoylomanan (GXM)-O-acetylhydrolase of cryptococcus
 neoformans and uses thereof
 JOURNAL Patent: US 6146868-A 7 14-NOV-2000;
 FEATURES
 source 1..19
 /organism='unknown'

BASE COUNT 1 a 6 c 8 g 2 t 2 others

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1120 GACCCGGTTCTGGCAG 1135
|||
Db 1 GACCCGGTTCTGGCAG 16

RESULT 228
AX118043/c
LOCUS AX118043 19 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 3166 from Patent WO0129262.
ACCESSION AX118043
VERSION AX118043.1 GI:14034994
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Picoult-Newburg, L. and Pohl, M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 3166 26-APR-2001;
Orchid Biosciences, Inc. (US)
FEATURES
SOURCE location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 3 a 5 c 6 g 5 t

Query Match 1.0%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1520 AGAGGCGCATTCAG 1533
|||
Db 15 AGAGGCGCATTCAG 2

RESULT 229
ARI29715/c
LOCUS ARI29715 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 119 from patent US 6187545.
ACCESSION ARI29715
VERSION ARI29715.1 GI:14117612
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay, R., Butler, M.M., Wyltc, J. and Cowseet, L.M.
TITLE Antisense modulation of pepck-cytosolic expression
JOURNAL Patent: US 6187545-A 119 13-FEB-2001;
location/Qualifiers
1..20
/organism="unknown"
/note="amorce"

BASE COUNT 5 a 6 c 5 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1377 GATGCCCAAGTGA 1390
|||
Db 20 GATGCCCAAGTGA 7

RESULT 230
ARI93161
LOCUS ARI93161 20 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 46 from patent US 6346416.
ACCESSION ARI93161
VERSION ARI93161.1 GI:20239126
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean, N.M. and Cowseet, L.M.
TITLE Antisense inhibition of HPK/GCK-like kinase expression
JOURNAL Patent: US 6346416-A 46 12-FEB-2002;
location/Qualifiers
1..20
/organism="unknown"
/note="amorce"

BASE COUNT 3 a 2 c 5 g 10 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 ATTATTTTGAGT 1494
|||
Db 7 ATTATTTTGAGT 20

RESULT 231
AX597497/c
LOCUS AX597497 20 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 15 from Patent WO2090545.
ACCESSION AX597497
VERSION AX597497.1 GI:28397754
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Magre, J., Capeau, J., Lathrop, M. and Delapine, M.
TITLE Nucleic acid coding for the cgl1 polypeptide and
therapeutic application of said nucleic acid and of the cgl1
polypeptide
JOURNAL Patent: WO 02090545-A 15 14-NOV-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR); Centre National de Genotypage (FR)
location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="amorce"

BASE COUNT 6 a 5 c 5 g 4 t

Query Match 1.0%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TGAACCTTCTGGC 847
|||
Db 20 TGAACCTTCTGGC 7

RESULT 232
A34246/c
LOCUS A34246 17 bp DNA linear PAT 03-JUL-2002
DEFINITION Synthetic sequencing primer.
ACCESSION A34246
VERSION A34246.1 GI:21694198
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Odink, K.G., Tarasav, L., Brueggen, J., Wiesendanger, W., Cerletti, N.,
Sorg, C., Demolf-Peters, C. and Delabie, J.

TITLE Novel cytokines
JOURNAL Patent: EP 0412050-A 6 06-FEB-1991;
CIBR-GEIGY AG

FEATURES
source Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 5 a 8 c 0 g 4 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 TCAGGGGCTTTGAGG 953
Db 17 TGAGGGATGTTGAGG 1

RESULT 233
LOCUS A46775 17 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 12 from Patent EP0677585.
ACCESSION A46775
VERSION A46775.1 GI:2300870
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Grifantini, R., Frascotti, G., Galli, G. and Grandi, G.
TITLE Process for the production of D-alpha-amino acids
JOURNAL Patent: EP 0677585-A 12 18-OCT-1995;
ENTRICKERH SPA (IT)
COMMENT Other publication JP 8051992 960227.
FEATURES
source Location/Qualifiers
1. .17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 2 c 6 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 TCAGAGCATCAGCAGG 759
Db 17 TCATATACATCAGCAGG 1

RESULT 234
LOCUS AR096482/c 17 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 11 from patent US 6008014.
ACCESSION AR096482
VERSION AR096482.1 GI:10025324
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Glimno, C.J. and Acton, S.
TITLE Method of making lipid metabolic pathway compositions
JOURNAL Patent: US 6008014-A 11 28-DEC-1999;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"

BASE COUNT 5 a 5 c 7 g 0 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1431 CCTGCTGCTGCTGCTG 1447
Db 17 CCGCTGCTGCTGCTG 1

RESULT 235
LOCUS AR24345/c 17 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 248 from patent US 6475789.
ACCESSION AR24345
VERSION AR24345.1 GI:27290666
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Cech, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B., Harley, C.B. and Andrews, W.H.
TITLE Human telomerase catalytic subunit: diagnostic and therapeutic methods
JOURNAL Patent: US 6475789-A 248 05-NOV-2002;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"

BASE COUNT 4 a 5 c 7 g 1 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1420 CTGGGCTGCTGCTGCT 1436
Db 17 CAGCGCTGCTGCTGCT 1

RESULT 236
LOCUS AX215977/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1419 from Patent WO0159103.
ACCESSION AX215977
VERSION AX215977.1 GI:15526020
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequence.

REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
JOURNAL Patent: WO 0159103-A 1419 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 0 a 8 c 3 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1320 AGAGAGCGGCGGCATCG 1336
Db 17 AGAGAGCGGCGGCAGG 1

RESULT 237
LOCUS AX215978/c 17 bp mRNA linear PAT 07-SEP-2001

DEFINITION Sequence 1420 from Patent WO0159103.
ACCESSION AX215978
VERSION AX215978.1 GI:15526021
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J., and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 1420 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
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1. 17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 0 a 7 c 4 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1319 CAGAGAGCGGCGCCATG 1335
DB 17 CAGAGAGCGGCGCCATG 1

RESULT 238
LOCUS AX226869 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 241 from Patent WO0157206.
ACCESSION AX226869
VERSION AX226869.1 GI:15556010
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Patlaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 241 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Patlaey, Ali R. (US)
JOURNAL
FEATURES
source
1. 17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
BASE COUNT 1 a 4 c 5 g 7 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTGACTTCGCGCATT 811
DB 1 GGTGACTTCGCGCATT 17

RESULT 239
LOCUS AX226870 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 242 from Patent WO0157206.
ACCESSION AX226870
VERSION AX226870.1 GI:15556011
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Patlaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 242 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Patlaey, Ali R. (US)
JOURNAL
FEATURES
source
1. 17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
BASE COUNT 1 a 5 c 4 g 7 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 GGTGACTTCGCGCATC 812
DB 1 GGTGACTTCGCGCATC 17

RESULT 240
LOCUS AX527122 17 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 152 from Patent WO0226818.
ACCESSION AX527122
VERSION AX527122.1 GI:25171737
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL
Patent: WO 0226818-A 152 04-APR-2002;
Aeonice, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CATGAATCTGCGCAG 1264
DB 17 CATGAATCTGCGCAG 1

RESULT 241
LOCUS AX616052 17 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 859 from Patent EP1262489.
ACCESSION AX616052
VERSION AX616052.1 GI:28447098
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y. and Nguyen, C. T.
TITLE Human lcl1-domain containing protein
JOURNAL
Patent: EP 1262488-A 859 04-DEC-2002;
Aeonice, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 370 AGCAACATCATTCTTCA 386
17 AGCAGCATCATCTTCA 1

RESULT 242
AX616053/c 17 bp DNA linear PAT 20-FEB-2003
LOCUS Sequence 860 from Patent EP1262488.
DEFINITION AX616053
ACCESSION AX616053
VERSION AX616053.1 GI:28447099
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcc1-domain containing protein
JOURNAL Patent: EP 1262488-A 860 04-DEC-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 AAGCAATCATCTTCA 385
17 AAGCAGCATCATCTTCA 1

RESULT 243
AX616054/c 17 bp DNA linear PAT 20-FEB-2003
LOCUS Sequence 861 from Patent EP1262488.
DEFINITION AX616054
ACCESSION AX616054
VERSION AX616054.1 GI:28447100
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcc1-domain containing protein
JOURNAL Patent: EP 1262488-A 861 04-DEC-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 AAGCAATCATCTTCA 384

Db 17 AAGCAGCATCATCTTCA 1

RESULT 244
AX648952 17 bp DNA linear PAT 22-MAR-2003
LOCUS Sequence 792 from Patent EP1273660.
DEFINITION AX648952
ACCESSION AX648952
VERSION AX648952.1 GI:29151770
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Gu,Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 792 08-JAN-2003;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 2 c 6 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1309 CTCGTGTTGACAGAG 1325
1 CTCGTGTTGACAGAG 17

RESULT 245
AX688605 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1337 from Patent EP1281758.
DEFINITION AX688605
ACCESSION AX688605
VERSION AX688605.1 GI:29411307
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and
JOURNAL Patent: EP 1281758-A 1337 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 339 GCCCTACGTCACAGG 355
1 GCCCTACGTCACAGG 17

RESULT 246
AX688606 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1338 from Patent EP1281758.


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source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      5 a      5 c      4 g      3 t

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1056 GAACTCAGCACTGCA 1072
Db      1 GATCCTCAGCACTGCA 17

RESULT 251
LOCUS      AX726631      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 4318 from Patent WO03025176.
ACCESSION  AX726631
VERSION     AX726631.1 GI:30505974
KEYWORDS
SOURCE
ORGANISM   Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman,A., Amson,R. and Tufjander,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4318 27-MAR-2003;

JOURNAL
FEATURES
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/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      4 a      4 c      2 g      7 t

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      230 ACATGTGGAGAGATC 246
Db      17 ACATATGAGAGATGATC 1

RESULT 252
LOCUS      BD011185      17 bp      DNA      linear      PAT 31-JAN-2002
DEFINITION Human telomerase catalytic subunit.
ACCESSION  BD011185
VERSION     BD011185.1 GI:18639558
KEYWORDS   JP 2001081042-A/142.
SOURCE
ORGANISM   unidentified
unclassified.
1 (bases 1 to 17)
REFERENCE
1 Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morl,G.B.,
Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 142 27-MAR-2001;
GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/142
PD 27-MAR-2001
PR 01-OCT-1996 US 08/724643, 18-APR-1997 US 08/844419 PR
25-APR-1997 US 08/846017, 06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050, 14-AUG-1997 US 08/913132 PR
14-AUG-1997 US 08/912951, 14-AUG-1997 US 08/915503 PR THOMAS

COMMENT
TITLE
JOURNAL

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R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00,A61K31/7088,A61K39/00,A61K48/00,A61P35/00,A61P43/00,
PC C07K5/10,
PC C07K5/107,C07K5/117,C07K7/06,C07K7/08,C07K16/40,C12N9/12, PC
C12N15/09,
PC C12Q1/02,C12Q1/48,C12Q1/68,G01N33/15,G01N33/50,G01N33/53, PC
G01N33/53,
PC G01N33/566,G01N33/573//C12P21/08,A61K37/02,C12N15/00 CC
Strandedness: Single;
CC Topology: linear;
FH Key Location/Qualifiers
FT source 1..17
FT /organism="Unidentified".
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT      4 a      5 c      7 g      1 t

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1420 CTGGGCTGCTGCTGCT 1436
Db      17 CAGCCTGCTGCTGCT 1

RESULT 253
LOCUS      BD088644      17 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD088644
VERSION     BD088644.1 GI:22634254
KEYWORDS   JP 2001321190-A/888.
SOURCE
ORGANISM   synthetic construct
artificial sequence.
1 (bases 1 to 17)
REFERENCE
1 Soeda,B.
A method of arraying genome clone
Patent: JP 2001321190-A 888 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
OS Artificial Sequence
PN JP 2001321190-A/888
PD 20-NOV-2001
PR 12-MAR-2001 JP 2001068285
PI RICHII SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
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FT source 1..17
FT /organism="Artificial Sequence".
Location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      3 a      8 c      2 g      4 t

Query Match
Best Local Similarity 1.0%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      209 ACCCAGTAGCCTGCTC 225
Db      1 ACCCAGTAGCCTGCTC 17

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RESULT 254
 E36934/c 17 bp DNA linear PAT 18-JUN-2001
 LOCUS Human telomerase catalytic subunit promoter.
 DEFINITION E36934
 ACCESSION B36934.1 GI:13022897
 VERSION JP 1999253177-A/142.
 KEYWORDS unclassified
 SOURCE unclassified
 ORGANISM unclassified
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Thomas, R.S., Jochimu, R., Toru, N., Karen, B.C., Greg, B.M., Calvin, B.H. and William, H.A.
 TITLE Human telomerase catalytic subunit promoter
 JOURNAL Patent: JP 1999253177-A 142 21-SEP-1999;
 JERON CORP, UNIVERSITY TECHNOLOGY CORP
 COMMENT OS Unidentified
 PN JP 1999253177-A/142
 PD 21-SEP-1999
 PF 15-OCT-1998 JP 1998320169
 PR 01-OCT-1996 US 08/724,643, 18-APR-1997 US 08/644,419, PR
 25-APR-1997 US 08/846,017, 06-MAY-1997 US 08/851,843, PR
 09-MAY-1997 US 08/854,050, 14-AUG-1997 US 08/911,312, PR
 14-AUG-1997 US 08/912,951, 14-AUG-1997 US 08/915,503, PI
 R SECHI, JOCHIMU RINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B MORIN,
 PI CALVIN B HAREI, WILLIAM H ANDREWS
 PC C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K48/00,
 PC C12N1/02,
 PC C12N1/48, C12N1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC
 C07K16/40,
 PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, (C12N1/19, PC
 C12R1:84),
 PC (C12N1/21, C12R1:19), (C12N9/12, C12R1:19), (C12N9/12, C12R1:84),
 PC (C12N9/12, C12R1:91), C12N15/00, A61K37/64, C12N5/00 CC
 Strandedness: Single;
 CC Topology: Linear;
 FH Key Location/Qualifiers
 FT Source 1..17
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 /mol_type="genomic DNA"
 /db_xref="taxon:32644"
 BASE COUNT 4 a 5 c 7 g 1 t
 Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2, 7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1420 CTGGGCTGGCTGCT 1436
 DB 17 CAGCGCTGGCTGCTCT 1
 RESULT 255
 167732/c 17 bp DNA linear PAT 30-DEC-1997
 LOCUS Sequence 14 from patent US 5672509.
 DEFINITION 167732
 ACCESSION 167732
 VERSION 167732.1 GI:2731267
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Fleher, D.A.
 TITLE hpb2 IV-C: a human phosphodiesterase IV isozyme
 JOURNAL Patent: US 5672509-A 14 30-SEP-1997;
 FEATURES Location/Qualifiers

source 1..17
 /organism="unknown"
 BASE COUNT 6 a 5 c 5 g 1 t
 Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2, 7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1294 GTGGTCTGGCCCTGCT 1310
 DB 17 GTTGTCTGGCCGATGCT 1
 RESULT 256
 AB069281 17 bp DNA linear STN 21-MAY-2003
 LOCUS Synthetic construct DNA, reverse primer for human STS sts-H56931 at
 DEFINITION 1p36.
 ACCESSION AB069281
 VERSION AB069281.1 GI:15130085
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1
 AUTHORS Chen, Y.Z., Hayashi, Y., Wu, J.G., Takaoka, B., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Ito, S., Hoshii, M., Horii, A. and Soeda, B.
 TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
 JOURNAL Genomics 74 (1), 55-70 (2001)
 MEDLINE 21269152
 PUBMED 11374902
 REFERENCES 2 (bases 1 to 17)
 Hori, A.
 TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Hori, Tohoku University School of Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: hori@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
 FEATURES
 source Location/Qualifiers
 1..17
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 misc_feature
 1..17
 /note="reverse primer for human STS sts-H56931 at 1p36 sts-H56931 obtained from clones B116K6, B313J11, B294G17, B311R21, B312G24, Human BAC library RPCI-11"
 BASE COUNT 3 a 8 c 2 g 4 t
 Query Match 1.0%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2, 7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 209 ACCCGAGTACCTGTCC 225
 DB 1 ACCCGAGTACCTGTTC 17
 RESULT 257
 AR098374 18 bp DNA linear PAT 14-FEB-2001
 LOCUS AR098374/c
 DEFINITION AR098374
 ACCESSION AR098374
 VERSION AR098374.1 GI:12807631
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Lantti, J.M. and Kidd, V.J.

TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
JOURNAL Patent: US 6075133-A 34 13-JUN-2000;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 6 a 3 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 TCAGCAGCTGCAGGTTTC 1077
DB 17 TCAGCAGCTGCAGGTTTC 1

RESULT 258
ARI30044 18 bp DNA 11near PAT 16-MAY-2001
LOCUS ARI30044
DEFINITION Sequence 36 from patent US 6187586.
ACCESSION ARI30044
VERSION ARI30044.1 GI:14117941
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Montu, B.P., Cowsett, L.M. and Roth, R.A.
TITLE Antisense modulation of AKT-3 expression
JOURNAL Patent: US 6187586-A 36 13-FEB-2001;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 7 a 2 c 4 g 5 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 GAGCCTTACATGAAT 1255
DB 2 GAGTATCTACATGAAT 18

RESULT 259
ARI174208 18 bp DNA 11near PAT 17-DEC-2001
LOCUS ARI174208
DEFINITION Sequence 34 from patent US 6306648.
ACCESSION ARI174208
VERSION ARI174208.1 GI:17914528
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Lahli, J.M. and Kidd, V.J.
TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
JOURNAL Patent: US 6306648-A 34 23-OCT-2001;
FEATURES Location/Qualifiers
SOURCE 1..18
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BASE COUNT 6 a 3 c 6 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1061 TCAGCAGCTGCAGGTTTC 1077
DB 17 TCAGCAGCTGCAGGTTTC 1

RESULT 260

ARI94762 18 bp DNA 11near PAT 20-APR-2002
LOCUS ARI94762
DEFINITION Sequence 6 from patent US 6348596.
ACCESSION ARI94762
VERSION ARI94762.1 GI:20241354
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Lee, L.G., Graham, R.J., Mullah, K.B. and Haxo, F.T.
TITLE Non-fluorescent asymmetric cyanine dye compounds useful for quenching reporter dyes
JOURNAL Patent: US 6348596-A 6 19-FEB-2002;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 0 a 7 c 5 g 6 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GCTGTCCTGTCATCT 1453
DB 2 GCTGTCCTGTCATCT 18

RESULT 261
AR200107 18 bp DNA 11near PAT 20-APR-2002
LOCUS AR200107
DEFINITION Sequence 7 from patent US 6355778.
ACCESSION AR200107
VERSION AR200107.1 GI:20250181
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Becker, J. and Alonso, J.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 6355778-A 7 12-MAR-2002;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 6 a 7 c 3 g 2 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 368 AAAGCAGATCAGCTTC 384
DB 2 AAAGCAGATCAGCTTC 18

RESULT 262
AX025023 18 bp DNA 11near PAT 15-SEP-2000
LOCUS AX025023
DEFINITION Sequence 9 from Patent WO0031280.
ACCESSION AX025023
VERSION AX025023.1 GI:10184943
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Kingsman, S.M., Mitrophanous, K., Uden, M., Rohli, J. and Kingsman, A.J.
TITLE Vector
JOURNAL Patent: WO 0031280-A 9 02-JUN-2000;
KINGSMAN SUSAN MARY (GB); MITROPHANOUS KIRIACOS (GB); UDEN MARK (GB); ROHLI JONATHAN (GB); KINGSMAN ALAN JOHN (GB); OXFORD

BIOMEDICA LTD (GB)

FEATURES
source
1. .18
/organism="Equine infectious anemia virus"
/mol_type="genomic DNA"
/db_xref="taxon:11665"

BASE COUNT
10 a 1 c 7 g 0 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1080 TGCCCCCTGTTCTCT 1096
17 TCCTCCCTGTTCTCT 1

RESULT 263
AX440529/c 18 bp DNA linear PAT 28-JUN-2002
LOCUS
DEFINITION Sequence 33 from Patent WO0206529.
ACCESSION AX440529
VERSION AX440529.1 GI:21665332
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Germino,G.G., Watnick,T.J. and Phakeekitcharoen,B.
TITLE Detection and treatment of polycystic kidney disease
JOURNAL Patent: WO 0206529-A 33 24-JAN-2002;
The Johns Hopkins University School of Medicine (US)

FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer 5F3"

BASE COUNT
2 a 5 c 8 g 3 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CAGCAGATCCACTCG 769
18 CAGCGCATCCACTCG 2

RESULT 264
AX683709 18 bp DNA linear PAT 29-MAR-2003
LOCUS
DEFINITION Sequence 26 from Patent WO03006504.
ACCESSION AX683709
VERSION AX683709.1 GI:29370739
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Thomson,A.M. and Dunbar,D.R.
TITLE Allelic variants of gp150
JOURNAL Patent: WO 03006504-A 26 23-JAN-2003;
Akzo Nobel N.V. (NL)

FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT
7 a 5 c 1 g 5 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 376 ATCACTTCACACACAA 392
2 ATCACTTCACACACAA 18

RESULT 265
AX713237/c 18 bp DNA linear PAT 11-APR-2003
LOCUS
DEFINITION Sequence 123 from Patent WO03018837.
ACCESSION AX713237
VERSION AX713237.1 GI:29823826
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS Maschuetra,S., Schakenberg,E. and Lustig,M.
TITLE Method and diagnostic kit for the molecular diagnosis of
JOURNAL pharmacologically relevant genes
Patent: WO 03018837-A 123 06-MAR-2003;
Adnagen AG (DE)

FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonukleotid"

BASE COUNT
4 a 5 c 5 g 4 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1550 TGATGATGAGTCCG 1566
18 TGATGATGAGTCCG 2

RESULT 266
157024 18 bp DNA linear PAT 07-OCT-1997
LOCUS
DEFINITION Sequence 25 from patent US 5650553.
ACCESSION 157024
VERSION 157024.1 GI:2477437
KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.

REFERENCE
AUTHORS Becker,J., Rothenberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 25 22-JUL-1997;
Location/Qualifiers

FEATURES
source
1. .18
/organism="unknown"

BASE COUNT
6 a 7 c 3 g 2 t

Query Match 1.0%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 368 AAAGCAATCACCCTTC 384
2 AAAGCAATCACCCTTC 18

RESULT 267
AR295607 19 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 7342 from patent US 6537751.

ACCESSION AR295607
 VERSION AR295607.1 GI:31682891
 KEYWORDS
 SOURCE
 ORGANISM Unknown.
 FEATURES
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
 TITLE Biallelic markers for use in constructing a high density
 disequilibrium map of the human genome
 JOURNAL Patent: US 6537751-A 7342 25-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..19
 /organism="unknown"
 BASE COUNT 5 a 10 c 0 g 4 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 664 TTCCCTTCAAGACAA 680
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 1 TTCCCTTCAACACAA 17

RESULT 268
 LOCUS AX129174 19 bp DNA linear PAT 15-MAY-2001
 DEFINITION Sequence 392 from Patent WO0130362.
 ACCESSION AX129174
 VERSION AX129174.1 GI:14135479
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye
 diseases
 JOURNAL Patent: WO 0130362-A 392 03-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cdk3 ribozyme binding site"
 BASE COUNT 4 a 6 c 6 g 3 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1453 TGCCCAATCGAGCCA 1469
 |||||
 2 TGCCCAATCGAGCCA 18

RESULT 269
 LOCUS AX132153 19 bp DNA linear PAT 15-MAY-2001
 DEFINITION Sequence 3371 from Patent WO0130362.
 ACCESSION AX132153
 VERSION AX132153.1 GI:14138458
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye

JOURNAL diseases
 Patent: WO 0130362-A 3371 03-MAY-2001;
 IMMUSOL, INC. (US)
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cyclin B1 ribozyme binding site"
 BASE COUNT 1 a 2 c 5 g 11 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 ACAAGCAACATCAC 381
 |||||
 19 ACAAGCAAGTACGC 3

RESULT 270
 LOCUS AX132407 19 bp DNA linear PAT 15-MAY-2001
 DEFINITION Sequence 3625 from Patent WO0130362.
 ACCESSION AX132407
 VERSION AX132407.1 GI:14138712
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Robbins, J.M. and Tritz, R.
 TITLE Ribozyme therapy for the treatment of proliferative skin and eye
 diseases
 JOURNAL Patent: WO 0130362-A 3625 03-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..19
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 /note="Cdk25 hs ribozyme binding site"
 BASE COUNT 6 a 4 c 2 g 7 t
 Query Match 1.0%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 3.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1485 ATTTGAGTAGTAGTA 1501
 |||||
 17 ATTTGAGACGTAGTA 1

RESULT 271
 LOCUS BD167361 20 bp DNA linear PAT 17-JAN-2003
 DEFINITION Method of modification of biodegradable polyester synthase.
 ACCESSION BD167361
 VERSION BD167361.1 GI:27873173
 KEYWORDS JP 2002199890-A/36.
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Doi, Y. and Taguchi, S.
 TITLE Method of modification of biodegradable polyester synthase.
 JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
 OS Artificial Sequence
 PN JP 2002199890-A/36
 PD 16-JUL-2002
 PF 28-FEB-2001 JP 2001054717

PI YOSHIMARU DOI, SEIICHI TAGUCHI
 PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/00, C12N9/04, C12N9/10
 PC C12N9/88, C12P7/62, C12N15/00, C12N5/00
 CC Description of Artificial Sequence: synthetic DNA FH Key
 Location/Qualifiers
 FT source 1..20
 /organism='Artificial Sequence'.
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

BASE COUNT 1 a 7 c 7 g 5 t

Query Match 1.0%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 4.2e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 656 CAGGATGTTCCCTTCAAG 675
 1 CCGGCTGTGCTTCAAG 20

RESULT 272

AR133621 15 bp DNA linear PAT 16-MAY-2001
 LOCUS AR133621
 DEFINITION Sequence 2046 from patent US 6194150.
 ACCESSION AR133621
 VERSION AR133621.1 GI:14122526
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
 TITLE Nucleic acid based inhibition of CD40
 JOURNAL Patent: US 6194150-A 2046 27-FEB-2001;
 FEATURES Location/Qualifiers
 source 1..15
 /organism='unknown'

BASE COUNT 1 a 6 c 5 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 2.2e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1292 CTGTGCTCTGCGCG 1306
 1 CAGTGTCTCTGCGCG 15

RESULT 273

AX636234 15 bp mRNA linear PAT 21-FEB-2003
 LOCUS AX636234
 DEFINITION Sequence 3373 from Patent EP1260586.
 ACCESSION AX636234
 VERSION AX636234.1 GI:28471848
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1

REFERENCE 1
 AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Dizenzo, A., Karpelisky, A., Draper, K.G., Kisch, K., Mettlicke-Adams, J., McSwiggen, J.A., Modak, A., Pavco, P., Belgelman, L., Sullivan, S.M., Swedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
 TITLE Method and reagent for inhibiting the expression of disease related genes
 JOURNAL Patent: EP 1260586-A 3373 27-NOV-2002;
 FEATURES RIBOZYME PHARMACEUTICALS, INC. (US)
 Location/Qualifiers

source 1..15
 /organism='unidentified'
 /mol_type='mRNA'
 /db_xref='taxon:32644'

BASE COUNT 4 a 4 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 2.2e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1557 ATCAGCTCCCAAGG 1571
 1 ATCAGCTCTCAAGG 15

RESULT 274

161740 15 bp DNA linear PAT 07-OCT-1997
 LOCUS 161740
 DEFINITION Sequence 294 from patent US 5658780.
 ACCESSION 161740
 VERSION 161740.1 GI:2479688
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
 TITLE Rel a targeted ribozymes
 JOURNAL Patent: US 5658780-A 294 19-AUG-1997;
 FEATURES Location/Qualifiers
 source 1..15
 /organism='unknown'

BASE COUNT 4 a 4 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 2.2e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1557 ATCAGCTCCCAAGG 1571
 1 ATCAGCTCTCAAGG 15

RESULT 275

AX076025/C 16 bp DNA linear PAT 06-FEB-2001
 LOCUS AX076025/C
 DEFINITION Sequence 1 from Patent WO0104358.
 ACCESSION AX076025
 VERSION AX076025.1 GI:12710678
 KEYWORDS
 SOURCE Hepatitis B virus
 ORGANISM Hepatitis B virus
 REFERENCE 1

REFERENCE 1
 AUTHORS Stuyver, L., Maertens, G. and van Geyt, C.
 TITLE Detection of anti-hepatitis b drug resistance
 JOURNAL INNOCENTICS N.V. (BE)
 FEATURES Location/Qualifiers
 source 1..16
 /organism='Hepatitis B virus'
 /mol_type='genomic DNA'
 /db_xref='taxon:10407'

BASE COUNT 0 a 6 c 3 g 7 t

Query Match 0.9%; Score 13.4; DB 1; Length 16;
 Best Local Similarity 93.3%; Pred. No. 2.6e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1464 GAGCCAGAGAAATG 1478
 16 GAGCCAGAGAAACG 2

FEATURES


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RESULT 276
LOCUS   ARI88516/c
DEFINITION Sequence 4004 from patent US 6346398.
ACCESSION ARI88516
VERSION   ARI88516.1 GI:20234481
KEYWORDS
SOURCE    Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 17)
AUTHORS   Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 6346398-A 4004 12-FEB-2002;
FEATURES
  source   1..17
            /organism="unknown"
BASE COUNT      2 a      6 c      4 g      5 t

Query Match      0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      234 GTGGAAGAGATCCC 248
DB      16 GTGGAAGAGATCAC 2

RESULT 277
LOCUS   ARI88518/c
DEFINITION Sequence 4006 from patent US 6346398.
ACCESSION ARI88518
VERSION   ARI88518.1 GI:20234483
KEYWORDS
SOURCE    Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS   Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 6346398-A 4006 12-FEB-2002;
FEATURES
  source   1..17
            /organism="unknown"
BASE COUNT      3 a      7 c      2 g      5 t

Query Match      0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      231 CATGTGAAGAGAT 245
DB      15 CACGTGAAGAGAT 1

RESULT 278
LOCUS   AX216067/c
DEFINITION Sequence 1509 from Patent WO0159103.
ACCESSION AX216067
VERSION   AX216067.1 GI:15526110
KEYWORDS
SOURCE    synthetic construct
          synthetic construct
          artificial sequences.
ORGANISM
REFERENCE  1
AUTHORS   Blactt,L., Mcswigen,J. and Chowitra,B.M.
TITLE     Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
FEATURES
  source

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JOURNAL   Patent: WO 0159103-A 1509 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blactt, Lawrence (US) ;
          McSwigen, James (US) ; Chowitra, Bharat M. (US)
FEATURES
  source   1..17
            /organism="synthetic construct"
            /mol_type="mRNA"
            /db_xref="taxon:32630"
            /note="Nucleic Acid"
BASE COUNT      4 a      4 c      4 g      5 t

Query Match      0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1220 GCTCTGTAAGTGC 1234
DB      15 GACTGTGAACTGC 1

RESULT 279
LOCUS   AX216293/c
DEFINITION Sequence 1735 from Patent WO0159103.
ACCESSION AX216293
VERSION   AX216293.1 GI:15526354
KEYWORDS
SOURCE    synthetic construct
          synthetic construct
          artificial sequences.
ORGANISM
REFERENCE  1
AUTHORS   Blactt,L., Mcswigen,J. and Chowitra,B.M.
TITLE     Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
JOURNAL   Patent: WO 0159103-A 1735 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blactt, Lawrence (US) ;
          McSwigen, James (US) ; Chowitra, Bharat M. (US)
FEATURES
  source   1..17
            /organism="synthetic construct"
            /mol_type="mRNA"
            /db_xref="taxon:32630"
            /note="Nucleic Acid"
BASE COUNT      0 a      6 c      4 g      7 t

Query Match      0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1319 CAGAGAGCGGCGCA 1333
DB      16 CAGAGAGCGGCGCCA 2

RESULT 280
LOCUS   AX272672/c
DEFINITION Sequence 241 from Patent WO0162911.
ACCESSION AX272672
VERSION   AX272672.1 GI:16545409
KEYWORDS
SOURCE    Homo sapiens (human)
          Homo sapiens
          Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
ORGANISM
REFERENCE  1
AUTHORS   Jarvis,T., von Carlowitz,I., Mcswigen,J.A., Hamblin,P.A. and
          Ellis,J.H.
TITLE     Method and reagent for the inhibition of grid.
JOURNAL   Patent: WO 0162911-A 241 30-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
  source   1..17

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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 2 c 8 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 969 CTTCGTGCTCCCA 983
|||||
15 CTTCGTGCTCCCA 1

RESULT 281
AX273006 17 bp mRNA linear PAT 29-OCT-2001
LOCUS AX273006
DEFINITION Sequence 575 from Patent WO0162911.
ACCESSION AX273006
VERSION AX273006.1 GI:16545743
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Jarvis,T., von Carlwitzer,I., Mcswigen,J.A., Hamblin,P.A. and Ellis,J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 575 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 3 c 8 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 969 CTTCGTGCTCCCA 983
|||||
17 CTTCGTGCTCCCA 3

RESULT 282
AX499160 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499160
DEFINITION Sequence 467 from Patent EP1229046.
ACCESSION AX499160
VERSION AX499160.1 GI:23381453
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Zukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL Zhan,J.
HUMAN testis expressed patched like protein
Patent: EP 1229046-A 467 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 9 c 2 g 4 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 414 GTACCGACCTTCA 428
|||||
3 GTCCGACCTTCA 17

RESULT 283
AX688602 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX688602
DEFINITION Sequence 1334 from Patent EP1281758.
ACCESSION AX688602
VERSION AX688602.1 GI:29411304
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1334 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 5 c 6 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 338 GGCCCTACGTGACA 352
|||||
3 GGCCCTACGTGACA 17

RESULT 284
AX688728 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX688728
DEFINITION Sequence 1460 from Patent EP1281758.
ACCESSION AX688728
VERSION AX688728.1 GI:29411432
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1460 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
SOURCE 1..17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 6 g 1 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1060 GTGACGACCTGCAG 1074
|||||
3 GGCGACCTGCAG 17

RESULT 285

AX688734 LOCUS AX688734 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1466 from Patent EP1281758.
 ACCESSION AX688734
 VERSION AX688734.1 GI:29411438
 KEYWORDS
 ORGANISM Homo sapiens (human)
 SOURCE Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1466 05-FEB-2003;
 Aeonica, Inc. (US)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 7 c 5 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1064 GCACCTGCAGTTCA 1078
 DB 1 GCACCTGCAGTGCA 15

RESULT 286
 LOCUS AX727130 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 4817 from Patent WO03025176.
 ACCESSION AX727130
 VERSION AX727130.1 GI:30506473
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Teلمان, A., Amson, R. and Tuljinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 4817 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 5 a 7 c 2 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1448 TCATCTGCCAATCC 1462
 DB 3 TCATCTGCCAACC 17

RESULT 287
 LOCUS AX727959 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 5646 from Patent WO03025176.
 ACCESSION AX727959
 VERSION AX727959.1 GI:30507302
 KEYWORDS

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Teلمان, A., Amson, R. and Tuljinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 5646 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 BASE COUNT 6 a 3 c 5 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 803 TCTGCATTCGATC 817
 DB 15 TCTGCATTCGATC 1

RESULT 288
 LOCUS AX735651 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 1241 from Patent WO03025177.
 ACCESSION AX735651
 VERSION AX735651.1 GI:30514928
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Teلمان, A., Amson, R. and Tuljinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
 JOURNAL Patent: WO 03025177-A 1241 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source location/Qualifiers
 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 BASE COUNT 7 a 3 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 3e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 911 GATCCATGAAGTAA 925
 DB 1 GATCCAGAACTAA 15

RESULT 289
 LOCUS AR058208 18 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 6 from patent US 5837694.
 ACCESSION AR058208
 VERSION AR058208.1 GI:5983785
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Barrett, G. Leslie.

TITLE Method for enhancing neurone survival and agents useful for same
JOURNAL Patent: US 5837694-A 6 17-NOV-1998;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 3 a 4 c 7 g 4 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 347 TGTACAGGAGTCCA 361
DB 17 TGTACAGGAGTCCA 3

RESULT 290
AR067361 18 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 709 from patent US 5851760.
ACCESSION AR067361
VERSION AR067361.1 GI:5998583
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Evans, G.A. and Smith, M.W.
TITLE Method for generation of sequence sampled maps of complex genomes
JOURNAL Patent: US 5851760-A 709 22-DEC-1998;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 0 a 8 c 3 g 7 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1298 TCCGCGCGCTCTC 1312
DB 2 TCCGCGCTCTCTC 16

RESULT 291
AR095383 18 bp DNA linear PAT 08-SEP-2000
LOCUS
DEFINITION Sequence 1 from patent US 6004754.
ACCESSION AR095383
VERSION AR095383.1 GI:10023212
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS You, Q.
TITLE DNA sequence, related probes and primers for the detection of
JOURNAL Streptococcus agalactiae
FEATURES Patent: US 6004754-A 1 21-DEC-1999;
SOURCE Location/Qualifiers
1..18
/organism="unknown"

BASE COUNT 6 a 6 c 5 g 1 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 CCAGACATCAGCAG 758
DB 1 CCAGACATCAGCAG 15

RESULT 292
AR099355 18 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 9 from patent US 6077709.
ACCESSION AR099355
VERSION AR099355.1 GI:12809121
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank, J., Swayze, E. B. and Cowsett, L. M.
TITLE Antisense modulation of Survivin expression
JOURNAL Patent: US 6077709-A 9 20-JUN-2000;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 2 a 9 c 4 g 3 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 991 TTTGCCAAGGATCC 1005
DB 3 TGTGCCAAGGATCC 17

RESULT 293
AR106968 18 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 129 from patent US 6107092.
ACCESSION AR106968
VERSION AR106968.1 GI:12821498
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowsett, L.M., Bennett, C. Frank, J. and O'Malley, B.W.
TITLE Antisense modulation of SRA expression
JOURNAL Patent: US 6107092-A 129 22-AUG-2000;
FEATURES Location/Qualifiers
SOURCE 1..18
/organism="unknown"

BASE COUNT 5 a 6 c 6 g 1 t

Query Match 0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1294 GTGCTCTGCGCTG 1308
DB 17 GTGCTCTGCTCTG 3

RESULT 294
AR142361 18 bp DNA linear PAT 08-AUG-2001
LOCUS
DEFINITION Sequence 6 from patent US 6174869.
ACCESSION AR142361
VERSION AR142361.1 GI:15102661
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Barrett, G. Leslie.
TITLE Method for enhancing neurone survival and agents useful for same
JOURNAL Patent: US 6174869-A 6 16-JAN-2001;
FEATURES Location/Qualifiers
1..18
/organism="unknown"

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BASE COUNT      3 a      4 c      7 g      4 t

Query Match      0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      347 TGTACAGGAGTCCA 361
      |||||
Db      17 TGTACAGGAGTCCA 3

RESULT 295
LOCUS      AR181556      18 bp      DNA      linear      PAT 20-APR-2002
DEFINITION Sequence 18 from patent US 6335194.
ACCESSION  AR181556
VERSION     AR181556.1 GI:20223770
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Bennett,C.,Frank., Ackermann,E.J., Swayze,E.B. and Cowsett,L.M.
TITLE      Antisense modulation of survivin expression
JOURNAL    Patent: US 6335194-A 18 01-JAN-2002;
FEATURES    Location/Qualifiers
            1..18
            /organism="unknown"

BASE COUNT      2 a      9 c      4 g      3 t

Query Match      0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      991 TTGGCCACGGGTCC 1005
      |||||
Db      3 TCTGCCAACGGGTCC 17

RESULT 296
LOCUS      AR181596      18 bp      DNA      linear      PAT 20-APR-2002
DEFINITION Sequence 58 from patent US 6335194.
ACCESSION  AR181596
VERSION     AR181596.1 GI:20223810
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Bennett,C.,Frank., Ackermann,E.J., Swayze,E.B. and Cowsett,L.M.
TITLE      Antisense modulation of survivin expression
JOURNAL    Patent: US 6335194-A 58 01-JAN-2002;
FEATURES    Location/Qualifiers
            1..18
            /organism="unknown"

BASE COUNT      2 a      9 c      4 g      3 t

Query Match      0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      991 TTGGCCACGGGTCC 1005
      |||||
Db      3 TCTGCCAACGGGTCC 17

RESULT 297
LOCUS      AR266208      18 bp      DNA      linear      PAT 10-APR-2003
DEFINITION Sequence 20 from patent US 6492173.
ACCESSION  AR266208
VERSION     AR266208.1 GI:29695054
FEATURES
SOURCE

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KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Cowsett,L.M.
TITLE      Antisense inhibition of cyclin D2 expression
JOURNAL    Patent: US 6492173-A 20 10-DEC-2002;
FEATURES    Location/Qualifiers
            1..18
            /organism="unknown"

BASE COUNT      2 a      7 c      6 g      3 t

Query Match      0.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      758 GGATCCACCTCGTGG 772
      |||||
Db      1 GGATCCACCTCGTGG 15

RESULT 298
LOCUS      A65232      19 bp      DNA      linear      PAT 29-MAR-1999
DEFINITION Sequence 3 from Patent WO9735011.
ACCESSION  A65232
VERSION     A65232.1 GI:4531027
KEYWORDS
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1
AUTHORS    Silverstein,M.C., Cutruzzola,F., Ciabatti, Maria, Zennaro,R.,
            Visco,C., Di Ceppolo and Maschino.
TITLE      RECOMBINANT PROCESS FOR THE PRODUCTION IN PSEUDOMONAS PUTIDA OF THE
            CYTOCHROME C51 OF PSEUDOMONAS AERUGINOSA
JOURNAL    Patent: WO 9735011-A 3 25-SEP-1997;
            MINI RICERCA SCIENT TECNOLOG (IT)
            Other publication IT MI960515 19970915.
FEATURES    Location/Qualifiers
            1..19
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

BASE COUNT      7 a      6 c      4 g      2 t

Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      525 CATGACCTGAAGCT 539
      |||||
Db      5 CAAGACCTGAAGCT 19

RESULT 299
LOCUS      AR293097/c      19 bp      DNA      linear      PAT 12-JUN-2003
DEFINITION Sequence 4832 from patent US 6537751.
ACCESSION  AR293097
VERSION     AR293097.1 GI:31680381
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS    Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE      Biallelic markers for use in constructing a high density
            diallelic map of the human genome
JOURNAL    Patent: US 6537751-A 4832 25-MAR-2003;
FEATURES    Location/Qualifiers
            1..19
            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"

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BASE COUNT      9 a      0 c      7 g      3 t
Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      660 CATGTTCCCTCA 674
DB      19 CATTTCCCTCA 5

RESULT 300
LOCUS      AX129899      19 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION Sequence 1117 from Patent WO0130362.
ACCESSION  AX129899
VERSION     AX129899.1 GI:14136204
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1 Robbins,J.M. and Trletz,R.
            Ribozyme therapy for the treatment of proliferative skin and eye
            diseases
            Patent: WO 0130362-A 1117 03-MAY-2001;
            IMMUSOL, INC. (US)
FEATURES
            source
            1..19
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
            /note="Cdk-we-hu ribozyme binding site"

BASE COUNT      2 a      4 g      6 t

Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      304 CTGAAGGCGGAG 318
DB      19 CTGAGGCGGAGAG 5

RESULT 301
LOCUS      AX132156      19 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION Sequence 3374 from Patent WO0130362.
ACCESSION  AX132156
VERSION     AX132156.1 GI:14138461
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1 Robbins,J.M. and Trletz,R.
            Ribozyme therapy for the treatment of proliferative skin and eye
            diseases
            Patent: WO 0130362-A 3374 03-MAY-2001;
            IMMUSOL, INC. (US)
FEATURES
            source
            1..19
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
            /note="Cyclin B1 ribozyme binding site"

BASE COUNT      3 a      3 c      4 g      9 t

Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;

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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      360 CAGGCACAAAGCAA 374
DB      16 CAGTCACAAAGCAA 4

RESULT 302
LOCUS      AX132157      19 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION Sequence 3375 from Patent WO0130362.
ACCESSION  AX132157
VERSION     AX132157.1 GI:14138462
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE   1 Robbins,J.M. and Trletz,R.
            Ribozyme therapy for the treatment of proliferative skin and eye
            diseases
            Patent: WO 0130362-A 3375 03-MAY-2001;
            IMMUSOL, INC. (US)
FEATURES
            source
            1..19
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
            /note="Cyclin B1 ribozyme binding site"

BASE COUNT      2 a      4 c      4 g      9 t

Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      360 CAGGCACAAAGCAA 374
DB      17 CAGTCACAAAGCAA 3

RESULT 303
LOCUS      AX193678      19 bp      DNA      linear      PAT 15-AUG-2001
DEFINITION Sequence 100 from Patent WO0140291.
ACCESSION  AX193678
VERSION     AX193678.1 GI:15211544
KEYWORDS
SOURCE      synthetic construct
            artificial sequences.
ORGANISM
REFERENCE   1 Burgess,C.B., Prayaga,S.K., Shimkets,R.A., Rastelli,L.,
            Zernhusen,B.D. and Mezes,P.S.
            Proteins and nucleic acids encoding the same
            Patent: WO 0140291-A 100 07-JUN-2001;
            Curagen Corporation (US)
FEATURES
            source
            1..19
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="chemically synthesized"

BASE COUNT      5 a      4 c      6 g      4 t

Query Match      0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      1522 GAGGCATTCAGGCC 1536
DB      16 GAGTCATTCAGGCC 2

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RESULT 304
BD168189
LOCUS BD168189 19 bp DNA linear PAT 17-JAN-2003
DEFINITION Method for examination for allergosis.
ACCESSION BD168189.1 GI:27874001
VERSION MO 0233069-A/96.
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Saito,H.
TITLE Method for examination for allergosis
JOURNAL Patent: WO 0233069-A 96 25-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, TOMOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
COMMENT OS Artificial Sequence
PN MO 0233069-A/96
PD 25-APR-2002
PF 28-SEP-2001 WO 2001JP008574
PR 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI TAKESHI NAGASU, HIROHISA SAITO
PC C12N15/09,C12N15/63,C12Q1/68,C12Q1/02,G01N33/53,C12N5/10, PC A61K39/395,
PC C07K14/47,C07K16/18//C12P21/02,C12P21/08
CC Description of Artificial Sequence:an artificially synthesized
CC primer
CC sequence
FH key
FT source
FT Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 6 a 4 c 6 g 3 t
Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 770 TGGACAGTGGACG 784
DB 5 TGGACAGTGGACG 19
RESULT 305
188039/c
LOCUS 188039 19 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 17 from patent US 5716846.
ACCESSION 188039
VERSION 188039.1 GI:3407979
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Brown,S.Joel., Dattagupta,N. and Naidu,Y.M.
TITLE Method for inhibiting cellular proliferation using antisense oligonucleotides to interleukin-6 receptor mRNA
JOURNAL Patent: US 5716846-A 17 10-FEB-1998;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
BASE COUNT 6 a 3 c 8 g 2 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGTACCTGTCC 225
DB 17 CCCATTACCTGTCC 3

RESULT 306
195652/c
LOCUS 195652 19 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 19 from patent US 5733732.
ACCESSION 195652
VERSION 195652.1 GI:3940122
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Campbell,K.P., Roberts,S.L., Sunada,Y., Piccolo,F., Jeanpierre,M. and Kaplan,J.-C.
TITLE Methods for detecting primary adhalinopathy
JOURNAL Patent: US 5733732-A 19 31-MAR-1998;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
BASE COUNT 5 a 4 c 4 g 6 t

Query Match 0.9%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 225 CTTGACATGTGGAA 239
DB 17 CTTGACATGTGGAA 3

RESULT 307
A30038/c
LOCUS A30038 18 bp DNA linear PAT 13-JUL-1995
DEFINITION Oligonucleotide K138N from patent EP0411715.
ACCESSION A30038
VERSION A30038.1 GI:1249039
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Vos,P.A.J., Stezen,R.J., De Vos,W.M., Kok,J., Venema,G. and Haandrikman,A.J.
TITLE Modified proteases, process for their preparation and their use in foodstuffs
JOURNAL Patent: EP 0411715-A 7 06-FEB-1991;
NEEDERLANDS INSTITUUT VOOR ZUIVELONDERZOEK; STICHTING NEDERLANDS INSTITUUT VOOR ZUIVELONDERZOEK (NIZO)
FEATURES Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 6 c 4 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1121 ACCCGTTCTGGCAGAG 1138
DB 18 ACCCGTTCTGGCAGAG 1

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RESULT 308
LOCUS A46967 18 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 7 from Patent WO9529259.
ACCESSION A46967
VERSION A46967.1 GI:2300987
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Voorberg,J.J., Van,M.J. and Mertens,K.
TITLE METHOD AND MEANS FOR DETECTING AND TREATING DISORDERS IN THE BLOOD
JOURNAL COAGULATION CASCADE
Patent: WO 9529259-A 7 02-NOV-1995,
STITCHING CENTRAL LAB (NL)
Other publication AU 2319495 951116.
FEATURES
LOCATION/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCC 960
Db 1 GTGTTGAAGCATATCC 18

RESULT 309
LOCUS A46991 18 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 31 from Patent WO9529259.
ACCESSION A46991
VERSION A46991.1 GI:2301005
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Voorberg,J.J., Van,M.J. and Mertens,K.
TITLE METHOD AND MEANS FOR DETECTING AND TREATING DISORDERS IN THE BLOOD
JOURNAL COAGULATION CASCADE
Patent: WO 9529259-A 31 02-NOV-1995,
STITCHING CENTRAL LAB (NL)
Other publication AU 2319495 951116.
FEATURES
LOCATION/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCC 960
Db 1 GTGTTGAAGCATATCC 18

RESULT 310
LOCUS AR012022 18 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 10 from patent US 5763184.
ACCESSION AR012022
VERSION AR012022.1 GI:3970012
KEYWORDS

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SOURCE unknown.
ORGANISM Unidentified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Reynolds,R.Lynne, and Zangenberg,G.Anemarie.
TITLE Nucleotide sequence variation in the ABO glycosyltransferase gene
JOURNAL Patent: US 5763184-A 10 09-JUN-1998;
FEATURES
LOCATION/Qualifiers
1..18
/organism="unknown"
BASE COUNT 5 a 6 c 3 g 4 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGAGATCATGTGGGCT 616
Db 18 GTGGATCATATGAGCT 1

RESULT 311
LOCUS AR102336 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 7 from patent US 6083905.
ACCESSION AR102336
VERSION AR102336.1 GI:12813134
KEYWORDS
SOURCE unknown.
ORGANISM Unidentified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Voorberg,J.Jacobus., van Mourik,J.Aart. and Mertens,K.
TITLE Method and means for detecting and treating disorders in the blood
JOURNAL coagulation cascade
Patent: US 6083905-A 7 04-JUL-2000;
FEATURES
LOCATION/Qualifiers
1..18
/organism="unknown"
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 GTGTTGAAGCATCC 960
Db 1 GTGTTGAAGCATATCC 18

RESULT 312
LOCUS AR102354 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 31 from patent US 6083905.
ACCESSION AR102354
VERSION AR102354.1 GI:12813152
KEYWORDS
SOURCE unknown.
ORGANISM Unidentified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Voorberg,J.Jacobus., van Mourik,J.Aart. and Mertens,K.
TITLE Method and means for detecting and treating disorders in the blood
JOURNAL coagulation cascade
Patent: US 6083905-A 31 04-JUL-2000;
FEATURES
LOCATION/Qualifiers
1..18
/organism="unknown"
BASE COUNT 4 a 2 c 5 g 7 t
Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 943 GTGTTGAAGCATCC 960
Db 1 GTGTTGAAGCATATCC 18

RESULT 313
AR106769/c 18 bp DNA linear PAT 14-FEB-2001
LOCUS AR106769/c
DEFINITION Sequence 17 from patent US 6107091.
ACCESSION AR106769
VERSION AR106769.1 GI:12821299
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Cowser, L.M.
JOURNAL Antisense Inhibition of G-alpha-16 expression
FEATURES Patent: US 6107091-A 17 22-AUG-2000;
Location/Qualifiers
source 1..18
BASE COUNT 2 a 5 c 4 g 7 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 746 AGAATCATGCGATCC 763
Db 18 AGAATCATGCGATCC 1

RESULT 314
AR107112/c 18 bp DNA linear PAT 14-FEB-2001
LOCUS AR107112/c
DEFINITION Sequence 20 from patent US 6107457.
ACCESSION AR107112
VERSION AR107112.1 GI:12821642
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Arlinghaus, R.B., Liu, J., Lu, D. and Lopez-Berestein, G.
JOURNAL Bcr-Abl directed compositions and uses for inhibiting Philadelphia
FEATURES chromosome stimulated cell growth
Patent: US 6107457-A 20 22-AUG-2000;
Location/Qualifiers
source 1..18
BASE COUNT 6 a 8 c 1 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 495 GGGTGGCGGTGATGAT 512
Db 18 GGATGTGCGGTGATGAT 1

RESULT 315
AR107113 18 bp DNA linear PAT 14-FEB-2001
LOCUS AR107113
DEFINITION Sequence 21 from patent US 6107457.
ACCESSION AR107113
VERSION AR107113.1 GI:12821643
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Arlinghaus, R.B., Liu, J., Lu, D. and Lopez-Berestein, G.
TITLE Bcr-Abl directed compositions and uses for inhibiting Philadelphia
JOURNAL chromosome stimulated cell growth
FEATURES Patent: US 6107457-A 21 22-AUG-2000;
Location/Qualifiers
source 1..18
BASE COUNT 3 a 1 c 8 g 6 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 495 GGGTGGCGGTGATGAT 512
Db 1 GGATGTGCGGTGATGAT 18

RESULT 316
AR300592/c 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR300592/c
DEFINITION Sequence 20 from patent US 6537804.
ACCESSION AR300592
VERSION AR300592.1 GI:31688104
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Arlinghaus, R.B., Liu, J., Lopez-Berestein, G., Lu, D. and Wu, Y.
JOURNAL BCR-ABL directed compositions and uses for inhibiting Philadelphia
FEATURES chromosome stimulated cell growth
Patent: US 6537804-A 20 25-MAR-2003;
Location/Qualifiers
source 1..18
BASE COUNT 6 a 8 c 1 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 495 GGGTGGCGGTGATGAT 512
Db 18 GGATGTGCGGTGATGAT 1

RESULT 317
AR300593 18 bp DNA linear PAT 12-JUN-2003
LOCUS AR300593
DEFINITION Sequence 21 from patent US 6537804.
ACCESSION AR300593
VERSION AR300593.1 GI:31688105
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Arlinghaus, R.B., Liu, J., Lopez-Berestein, G., Lu, D. and Wu, Y.
JOURNAL BCR-ABL directed compositions and uses for inhibiting Philadelphia
FEATURES chromosome stimulated cell growth
Patent: US 6537804-A 21 25-MAR-2003;
Location/Qualifiers
source 1..18
BASE COUNT 3 a 1 c 8 g 6 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 495 GGGTGGCGGTGATGAT 512

Db 1 GGATGTGCGTGATGAT 18

RESULT 318
AX268101/c
LOCUS AX268101 18 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 11 from Patent WO0164736.
ACCESSION AX268101
VERSION AX268101.1 GI:16516609
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(PR)

FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer-oligo"

BASE COUNT 7 a 3 c 6 g 2 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1395 CTATGCCAGTACTCTCT 1412
Db 18 CTGTCTAGTACTCTCT 1

RESULT 319
AX322725
LOCUS AX322725 18 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 10 from Patent WO0192502.
ACCESSION AX322725
VERSION AX322725.1 GI:18093715
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Novozyms A/S (DK)
Patent: WO 0192502-A 10 06-DEC-2001;

FEATURES
source
1..18
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/note="AM35"

BASE COUNT 5 a 7 c 3 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 970 TTGCGTCTCCAAACC 987
Db 1 TTGAGGCTCCAAACC 18

RESULT 320
AX391653/c
LOCUS AX391653 18 bp DNA linear PAT 23-MAR-2002

DEFINITION Sequence 34 from Patent EP1184468.
ACCESSION AX391653
VERSION AX391653.1 GI:19700259
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Yamamoto, N.C., Okamoto, T.C. and Suzuki, T.C.
Method for sequencing using probe arrays
Patent: EP 1184468-A 34 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)

FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
Db 18 ATGACCTGAAGCCCATC 1

RESULT 321
AX391802/c
LOCUS AX391802 18 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 34 from Patent EP1184467.
ACCESSION AX391802
VERSION AX391802.1 GI:19700386
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Yamamoto, N., Okamoto, T., Tanaka, S. and Suzuki, T.
Screening method for gene variation
Patent: EP 1184467-A 34 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)

FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
Db 18 ATGACCTGAAGCCCATC 1

RESULT 322
AX453148
LOCUS AX453148 18 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 27 from Patent WO0242444.
ACCESSION AX453148
VERSION AX453148.1 GI:21712655
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
Yoder, O., Turgeon, B.G. and Lu, S.W.

TITLE Fungal gene cluster associated with pathogenesis
JOURNAL Patent: WO 0242444-A 27 30-MAY-2002;

Synenta Participations AG (CH) ; CORNELL RESEARCH FOUNDATION, INC.
(US) ; Yoder, Olen (US) ; Turgeon, Barbara G. (US) ; Lu, Shen-wen
(US)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"

BASE COUNT 0 a 6 c 5 g 7 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1431 CCTGCTGCTGCTGCTCT 1448
DB 1 CCTGCTGCTGCTGCTCT 18

RESULT 323
LOCUS AX453810/c 18 bp DNA linear PAT 06-JUL-2002

DEFINITION Sequence 34 from Patent EP1213361.

ACCESSION AX453810

VERSION AX453810.1 GI:21713479

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1
artificial sequences.

AUTHORS Okamoto, T., Yamamoto, N. and Suzuki, T.
TITLE Terminal labeled probe array and method of making it
JOURNAL Patent: EP 1213361-A 34 12-JUN-2002;
CANON KABUSHIKI KAISHA (JP)

FEATURES
source Location/Qualifiers
1..18

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Synthesized"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAGCTCATC 543

DB 18 ATGAACCTGAGCGCCATC 1

RESULT 324
LOCUS AX697399/c

DEFINITION Sequence 467 from Patent WO0078961.

ACCESSION AX697399

VERSION AX697399.1 GI:29498530

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1
artificial sequences.

AUTHORS Ferrara, N., Stewart, T.A., Williams, P.M., Baker, K.P., Desnoyers, L.,
Baton, D.L., Gao, W.O., Pan, J., Botstein, D., Fong, S., Goddard, A.,
Goddard, P.J., Guirney, A.L., Smith, V., Tuma, D., Wood, M.I.,
Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.K.

SECRETED and transmembrane polypeptides and nucleic acids encoding
the same

Patent: WO 0078961-A 467 28-DEC-2000;

JOURNAL Genentech Inc. (US)

FEATURES
source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide probe"

BASE COUNT 3 a 7 c 4 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACACTCCGACTCTGGCC 721
DB 18 ACAAGTGGACTCTGGCC 1

RESULT 325
LOCUS AX711951 18 bp DNA linear PAT 12-MAY-2003

DEFINITION Sequence 30 from Patent WO02103060.

ACCESSION AX711951

VERSION AX711951.1 GI:29787742

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1
artificial sequences.

AUTHORS Tuveno, H.T., Frik, G.B. and Yin, H.

TITLE Enterovirus nucleic acids

JOURNAL Patent: WO 02103060-A 30 27-DEC-2002;
Immunovet Project AB (SE)

FEATURES
source Location/Qualifiers
1..18

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Primer"

BASE COUNT 4 a 6 c 3 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 221 TGTCTTCACATGCGA 238

DB 1 TGTCTTCACATGCGTA 18

RESULT 326
LOCUS AX718711/c

DEFINITION Sequence 275 from Patent WO02103043.

ACCESSION AX718711

VERSION AX718711.1 GI:29891278

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1
artificial sequences.

AUTHORS Belmfou, C. and Snad, J.

TITLE Method for the specific fast detection of bacteria which is harmful
to beer

JOURNAL Patent: WO 02103043-A 275 27-DEC-2002;

Vericon AG (DE)

FEATURES
source Location/Qualifiers
1..18

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

/note="Oligonucleotide"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 AAGTGAACGGGCTGAGC 792
DB 18 AAGTGAACGGGCTGCGC 1

RESULT 327
AX718716/c 18 bp DNA linear PAT 15-APR-2003
LOCUS Sequence 280 from Patent WO2103043.
DEFINITION AX718716
ACCESSION AX718716
VERSION AX718716.1 GI:29891283
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1
AUTHORS
TITLE
METHOD for the specific fast detection of bacteria which is harmful to beer
PATENT: WO 02103043-A 280 27-DEC-2002;
JOURNAL
Vericon AG (DE)
FEATURES
location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 774 CAACTGGAACGGGCTGAG 791
DB 18 CAACTGGAACGGGCTGCG 1

RESULT 328
AX721028/c 18 bp DNA linear PAT 07-MAY-2003
LOCUS Sequence 12 from Patent WO03025227.
DEFINITION AX721028
ACCESSION AX721028
VERSION AX721028.1 GI:30421864
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1
AUTHORS
TITLE
JOURNAL
Gen-Probe Incorporated (US); BIOMERIEUX SA (FR)
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="detection probe oligonucleotide"

BASE COUNT 4 a 4 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1234 CAGCTGAGCTTACATG 1251
DB 18 CAGCTGAGCTTATTCATG 1

RESULT 329
BD000045/c 18 bp DNA linear PAT 31-JAN-2002
LOCUS Probe-coupling substrate, process for producing the same,
DEFINITION probe-array, method for detecting target substance, method for
specifying base sequence of single-stranded nucleic acid in the
sample, and method for quantitating the target substance in the
sample.

ACCESSION BD000045
VERSION BD000045.1 GI:18623124
KEYWORDS JP 2000270896-A/35.
SOURCE
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 (bases 1 to 18)
AUTHORS
TITLE
Okamoto, H., Yamamoto, N. and Suzuki, T.
Probe-coupling substrate, process for producing the same,
specifying base sequence of single-stranded nucleic acid in sample,
and method for quantitating the target substance in the sample
PATENT: JP 2000270896-A 35 03-OCT-2000;
JOURNAL
CANON INC ANTEN PHARMACEUT CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000270896-A/35
PD 03-OCT-2000
PF 28-JAN-1999 JP 1999019915
PI
PR HISASHI OKAMOTO, NOBUKO YAMAMOTO, TOMOHIRO SUZUKI PC
C1201/68, C12M1/00, C12N15/09, G01N33/566, C12N15/00 CC
PM Key
PT source
1. .18
Location/Qualifiers
/organism="Artificial Sequence".

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAAGCTCATC 543
DB 18 ATGACCTGAAGCTCATC 1

RESULT 330
BD087998/c 18 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD087998
ACCESSION BD087998
VERSION BD087998.1 GI:22633608
KEYWORDS JP 2001321190-A/242.
SOURCE
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
1 (bases 1 to 18)
AUTHORS
TITLE
JOURNAL
Soeda, B.
A method of arraying genome clone
PATENT: JP 2001321190-A 242 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/242
PD 20-NOV-2001 JP 2001068285
PF 12-MAR-2001 JP 2001068285
PI EICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00

CC Description of Artificial Sequence:Synthetic DNA FH Key
PT source 1. .18
FT Location/Qualifiers
1. .18
/organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 5 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1211 CCATGACCTGCTGTGGA 1228
DB 18 CCGAGAGCTGACCTGTGA 1

RESULT 331
BD089460/c
LOCUS BD089460 18 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089460
VERSION BD089460.1 GI:22635070
KEYWORDS JP 2001321190-A/1704.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1704 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
OS Artificial Sequence
PN JP 2001321190-A/1704
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source 1. .18
FT Location/Qualifiers
1. .18
/organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 5 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 521 AGCCATGACCTGGAAC 538
DB 18 AGTCATGACCTGAGAC 1

RESULT 332
BD133656/c
LOCUS BD133656 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Method for screening mutated gene.
ACCESSION BD133656
VERSION BD133656.1 GI:23228601
KEYWORDS JP 2002071687-A/34.
SOURCE synthetic construct
ORGANISM synthetic construct

artificial sequences.
1 (bases 1 to 18)
AUTHORS Yamamoto,N., Okamoto,T., Suzuki,T. and Tanaka,S.
TITLE Method for screening mutated gene
JOURNAL Patent: JP 2002071687-A 34 12-MAR-2002;
CANCOR INC

COMMENT
OS Artificial Sequence
PN JP 2002071687-A/34
PD 12-MAR-2002
PF 31-AUG-2000 JP 2000263396
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,SHINYA TANAKA
PC G01N33/53,C12M1/00,C12N15/09,C12Q1/68,G01N31/22,G01N33/566, PC
G01N37/00,
PC C12N15/00
CC Sample origin:nucleotide
FH key Location/Qualifiers
FT source 1. .18
FT Location/Qualifiers
1. .18
/organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 ATGACCTGAGGCTGATC 543
DB 18 ATGACCTGAGGCTGATC 1

RESULT 333
BD135734/c
LOCUS BD135734 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Method for detecting subjective component in specimen sample, and
substrate for detection used therefor.
ACCESSION BD135734
VERSION BD135734.1 GI:23230679
KEYWORDS JP 2002065274-A/38.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Yamamoto,N., Okamoto,T., Suzuki,T. and Shimizu,A.
TITLE Method for detecting subjective component in specimen sample, and
substrate for detection used therefor
JOURNAL Patent: JP 2002065274-A 38 05-MAR-2002;
CANCOR INC

COMMENT
OS Artificial Sequence
PN JP 2002065274-A/38
PD 05-MAR-2002
PF 31-AUG-2000 JP 2000263395
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,AKIRA SHIMIZU
PC C12N15/09,C12M1/00,C12M1/40,C12Q1/68,G01N31/22,G01N33/53, PC
G01N33/566,
PC G01N35/02,G01N35/10,G01N37/00,C12N15/00,G01N35/06 CC DNA
probe for hybridizing with gene encoding
mutated p53;named
as probe 34
CC in Table 1
FH key Location/Qualifiers
FT source 1. .18
FT Location/Qualifiers
1. .18
/organism="Artificial Sequence".
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 526 ATGACCTGAAGCTCATC 543
|||||
18 ATGAACCTGAGGCCCATC 1

RESULT 334
BD161000/c 18 bp DNA linear PAT 17-JAN-2003
LOCUS Terminal-labeled probe-array and method for preparing it, and
DEFINITION method for evaluating target mass using the same.
ACCESSION BD161000
VERSION BD161000.1 GI:27866758
KEYWORDS JP 2002153284-A/34.
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Okamoto,T., Yamamoto,N. and Suzuki,T.
TITLE Terminal-labeled probe-array and method for preparing it, and
JOURNAL method for evaluating target mass using the same
PATENT: JP 2002153284-A 34 28-MAY-2002;
CANCOR INC
COMMENT OS Artificial Sequence
PN JP 2002153284-A/34
PD 28-MAY-2002 JP 2000357446
PF 24-NOV-2000 JP 2000357446
PI TADASHI OKAMOTO,NOBUKO YAMAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,G01N31/22,G01N33/53,G01N33/56,G01N37/00, PC
C12N15/00
CC Description of Artificial Sequence:Synthesized FH Key
FT Location/Qualifiers
1. .18
FT source /organism='Artificial Sequence'.
1. .18
location/Qualifiers
1. .18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 526 ATGACCTGAAGCTCATC 543
|||||
18 ATGAACCTGAGGCCCATC 1

RESULT 335
BD167495/c 18 bp DNA linear PAT 17-JAN-2003
LOCUS A method of analyzing a base sequence of a nucleic acid.
DEFINITION BD167495
ACCESSION BD167495.1 GI:27873307
VERSION BD167495.1 GI:27873307
KEYWORDS WO 0233068-A/34.
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Yamamoto,N., Okamoto,T. and Suzuki,T.
TITLE A method of analyzing a base sequence of a nucleic acid
JOURNAL Patent: WO 0233068-A 34 25-APR-2002;
CANCOR KK,NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI
OS Artificial Sequence
PN WO 0233068-A/34
PD 25-APR-2002
PF 18-OCT-2000 WO 2000JP007244
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI PC

C12N15/09,C12Q1/68,G01N33/56,G01N33/53
CC Sample originonucleotide
FH Key Location/Qualifiers
FT source 1. .18
FT /organism='Artificial Sequence'.
1. .18
location/Qualifiers
1. .18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 526 ATGACCTGAAGCTCATC 543
|||||
18 ATGAACCTGAGGCCCATC 1

RESULT 336
BD176978/c 18 bp DNA linear PAT 16-APR-2003
LOCUS Method of analyzing nucleic acid base sequence.
DEFINITION BD176978
ACCESSION BD176978.1 GI:30014237
VERSION BD176978.1 GI:30014237
KEYWORDS JP 2002306166-A/34.
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Yamamoto,N., Okamoto,H. and Suzuki,T.
TITLE Method of analyzing nucleic acid base sequence
JOURNAL Patent: JP 2002306166-A 34 22-OCT-2002;
CANCOR INC
COMMENT OS Artificial Sequence
PN JP 2002306166-A/34
PD 22-OCT-2002
PF 31-AUG-2000 JP 2000263506
PI NOBUKO YAMAMOTO,HISASHI OKAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68//C12N1/00,C12N15/00
CC Sample originonucleotide
FH Key Location/Qualifiers
FT source 1. .18
FT /organism='Artificial Sequence'.
1. .18
location/Qualifiers
1. .18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 3 a 4 c 6 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 526 ATGACCTGAAGCTCATC 543
|||||
18 ATGAACCTGAGGCCCATC 1

RESULT 337
BD178724 18 bp DNA linear PAT 16-APR-2003
LOCUS Gene panel for genes involving liver regeneration.
DEFINITION BD178724
ACCESSION BD178724.1 GI:30015991
VERSION BD178724.1 GI:30015991
KEYWORDS WO 02077222-A/62.
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)

AUTHORS Yokoya, F., Okutsu, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H., Aburatani, H. and Sonaka, I.
 TITLE Gene panel for genes involving liver regeneration
 JOURNAL Patent: WO 02077222-A 62 03-OCT-2002;
 AJINOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHIISA OKUTSU, MAIKO MORI, YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA
 COMMENT OS Artificial Sequence
 PN WO 02077222-A/62
 PD 03-OCT-2002
 PF 13-MAR-2002 WO 2002JP002372
 PR 13-MAR-2001 JP 01P 070940
 PI FUMIHIKO YOKOYA, TOMOHIISA OKUTSU, MAIKO MORI, YOSHIYUKI PI TAKAHARA, HISAO FUKUDA,
 PI HIROYUKI ABURATANI, ICHIRO SONAKA
 PC C12N1/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC
 Description of Artificial Sequence: primer
 PH key Location/Qualifiers
 FT source 1..18
 FEATURES Location/Qualifiers
 source 1..18
 /organism="Artificial Sequence"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 2 a 6 c 5 g 5 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 704 ACACTCCGACTCTGGGC 721
 |||||
 1 ACTGTTCCGACTCTGGGC 18

Db 126840 126840 18 bp DNA 11linear PAT 07-OCT-1996
 LOCUS Sequence 63 from patent US 5561041.
 DEFINITION 126840
 ACCESSION 126840
 VERSION 126840.1 GI:1606710
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Sidransky, D.
 TITLE Nucleic acid mutation detection by analysis of sputum
 JOURNAL Patent: US 5561041-A 63 01-OCT-1996;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 5 a 6 c 4 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAAGCTCAT 542
 |||||
 1 CATGAACCTGAGCCCAT 18

Db 126840 126840 18 bp DNA 11linear PAT 01-DEC-1998
 LOCUS Sequence 63 from patent US 5726019.
 DEFINITION 126840
 ACCESSION 126840
 VERSION 126840.1 GI:3936051
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Sidransky, D.
 TITLE Analysis of sputum by amplification and detection of mutant nucleic acid sequences
 JOURNAL Patent: US 5726019-A 63 10-MAR-1998;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 5 a 6 c 4 g 3 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAAGCTCAT 542
 |||||
 1 CATGAACCTGAGCCCAT 18

Db 126840 126840 18 bp DNA 11linear SYN 21-MAY-2003
 LOCUS Synthetic construct DNA, reverse primer for human STS sts-DIS243 at 1p36.
 DEFINITION 126840
 ACCESSION AB067849
 VERSION AB067849.1 GI:15128653
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Chen, Y.-Z., Hayashi, Y., Wu, J.-G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawa, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
 TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
 JOURNAL Genomics 74 (1), 55-70 (2001)
 MEDLINE 21269192
 PUBMED 11374902
 REFERENCE 2 (bases 1 to 18)
 AUTHORS Horii, A.
 TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology/ 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
 FEATURES Location/Qualifiers
 source 1..18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

misc_feature 1..18
 /note="reverse primer for human STS sts-DIS243 at 1p36 sts-DIS243 obtained from clones B83K2, B47P3, B43B2, B123D13, B290B2 and B82D16, B226P2, Human BAC library RPC1-11"

BASE COUNT 3 a 6 c 5 g 4 t

Query Match 0.9%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 3.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 521 AGCCATGACCTGAAGC 538
 |||||
 1 AGTCATGACCTGAAGC 1

Db 126840 126840 18 bp DNA 11linear SYN 21-MAY-2003
 LOCUS Synthetic construct DNA, reverse primer for human STS sts-DIS243 at 1p36.
 DEFINITION 126840
 ACCESSION AB068799
 VERSION AB068799.1 GI:15128653
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct

```

ACCESSION  AB068799.1  GI:15129603
VERSION
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS     Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
            Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
            Motohashi, A., Ohira, M., Nakagawara, A., Ito, S., Hoshii, M., Horii, A.
            and Soeda, E.
            A BAC-based STS-content map spanning a 35-Mb region of human
            chromosome 7q (1), 55-70 (2001)
TITLE       Genomics 74 (1), 55-70 (2001)
JOURNAL     MEDLINE 21269182
PUBMED     11374902
REFERENCE   2 (bases 1 to 18)
AUTHORS     Horii, A.
TITLE       Direct Submission
JOURNAL     Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
            Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-Ku, Sendai,
            Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
            Tel: 81-22-717-8042, Fax: 81-22-717-8047)
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature
1..18
/note="reverse primer for human STS sts-A004R37 at 1p36
sts-A004R37 obtained from clones B127J4, B264O17, Human
BAC library RPCI-11"
location/Qualifiers

BASE COUNT      3 a      6 c      5 g      4 t

Query Match      0.9%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1211 CCATGAATGCTCTGTGA 1228
Db      18 CCAGGAGCTGCACGTGTGA 1

RESULT 342
A35189/c      A35189      15 bp      DNA      linear      PAT 10-MAY-1996
LOCUS
DEFINITION    Synthetic crystalline silk gene 5' extension.
ACCESSION     A35189
VERSION       A35189.1  GI:1568385
KEYWORDS
SOURCE        synthetic construct
ORGANISM      synthetic construct
REFERENCE     1 (bases 1 to 15)
AUTHORS       Edwards, R.M., Light, J.A. and Nicholson, K.
TITLE         Improvements in or relating to structural proteins
JOURNAL       Patent: EP 0294979-A 13 14-DEC-1988;
            RA Consulting Services Limited
            Location/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      3 a      7 c      2 g      3 t

Query Match      0.9%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1576 GTGCTGAGAG 1588
Db      13 GTGCTGAGAG 1

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RESULT 343
AX419943
LOCUS
DEFINITION    Sequence 280 from Patent WO0198537.
ACCESSION     AX419943
VERSION       AX419943.1  GI:21524310
KEYWORDS
SOURCE        synthetic construct
ORGANISM      synthetic construct
REFERENCE     1
AUTHORS       Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.
TITLE         Nucleic acid accessible hybridization sites
JOURNAL       Patent: WO 0198537-A 280 27-DEC-2001;
            THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source
1..16
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      1 a      7 c      1 g      7 t

Query Match      0.9%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1088 TGTTCCTCCCA 1100
Db      4 TGTTCCTCCCA 16

RESULT 344
AR098743/c
LOCUS
DEFINITION    Sequence 18 from patent US 6077669.
ACCESSION     AR098743
VERSION       AR098743.1  GI:12808509
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Little, M.C. and Vovk, G.P.
TITLE         Kit and method for fluorescence based detection assay
JOURNAL       Patent: US 6077669-A 18 20-JUN-2000;
            Location/Qualifiers
1..17
/organism="unknown"

BASE COUNT      6 a      4 c      3 g      4 t

Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      685 GGATTATTGCTG 697
Db      13 GGATTATTGCTG 1

RESULT 345
AR104984/c
LOCUS
DEFINITION    Sequence 18 from patent US 6096501.
ACCESSION     AR104984
VERSION       AR104984.1  GI:12818581
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Foxall, P.A. and Berger, D.M.
TITLE         Assay for Chlamydia trachomatis by amplification and detection of

```


Chlamydia trachomatis cryptic plasmid
 Patent: US 6096501-A 18 01-AUG-2000;
 Location/Qualifiers
 1. .17
 /organism="unknown"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 346
 ARI45847/c
 LOCUS ARI45847 17 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 18 from patent US 6218125.
 ACCESSION ARI45847
 VERSION ARI45847.1 GI:15109036
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 Foxall,P.A. and Berger,D.M.
 Assay for Chlamydia trachomatis by amplification and detection of
 Chlamydia trachomatis cryptic plasmid
 Patent: US 6218125-A 18 17-APR-2001;
 Location/Qualifiers
 1. .17
 /organism="unknown"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 347
 ARI54187/c
 LOCUS ARI54187 17 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 27 from patent US 6238668.
 ACCESSION ARI54187
 VERSION ARI54187.1 GI:15122240
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 Carrino,J.J., Gerrie,L.O. and Diver,J.M.
 Multiplex amplification and separation of nucleic acid sequences
 using ligation-dependent strand displacement amplification and
 bioelectronic chip technology
 Patent: US 6238668-A 27 29-MAY-2001;
 Location/Qualifiers
 1. .17
 /organism="unknown"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 348
 ARI75514/c
 LOCUS ARI75514 17 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 27 from patent US 6309833.
 ACCESSION ARI75514
 VERSION ARI75514.1 GI:17916813
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 Edman,C.F., Nerenberg,M.I., Westin,L.P. and Carrino,J.J.
 Multiplex amplification and separation of nucleic acid sequences on
 a bioelectronic microchip using asymmetric structures
 Patent: US 6309833-A 27 30-OCT-2001;
 Location/Qualifiers
 1. .17
 /organism="unknown"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 349
 ARI79289/c
 LOCUS ARI79289 17 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 27 from patent US 6326173.
 ACCESSION ARI79289
 VERSION ARI79289.1 GI:20220844
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 Edman,C.F. and Nerenberg,M.I.
 Electrically mediated nucleic acid amplification in NASBA
 Patent: US 6326173-A 27 04-DEC-2001;
 Location/Qualifiers
 1. .17
 /organism="unknown"

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 GGATTATTGCTG 697
 |||||
 13 GGATTATTGCTG 1

RESULT 350
 ARI302769
 LOCUS ARI302769 17 bp DNA linear PAT 12-JUN-2003
 DEFINITION Sequence 3 from patent US 6541507.
 ACCESSION ARI302769
 VERSION ARI302769.1 GI:31691256
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 Dalke,M., Galey,J.-B. and Bernard,B.
 Indolecarboxylic compounds for inducing/stimulating hair growth
 and/or retarding hair loss

JOURNAL Patent: US 6541507-A 3 01-APR-2003;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"
 BASE COUNT 3 a 3 c 7 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TGCAGGTCAGTG 1081
 Db 5 TGCAGGTCAGTG 17

RESULT 351
 AX210213/c 17 bp DNA linear PAT 31-AUG-2001
 LOCUS Sequence 20 from Patent WO0157245.
 DEFINITION AX210213
 ACCESSION AX210213
 VERSION AX210213.1 GI:15424538
 KEYWORDS
 SOURCE Human immunodeficiency virus 1 (HIV-1)
 ORGANISM Human immunodeficiency virus 1
 AUTHORS Vitruves; Retrovird viruses; Retroviridae; Lentivirus; Primate
 REFERENCE 1
 1 Vitruvow,M., Fikert,V., Pannecoque,C., Cherepanov,P., van
 Laethem,K., de Clercq,B., Vandamme,A.M. and Debyser,Z.
 HIV-1 resistance assay
 TITLE Patent: WO 0157245-A 20 09-AUG-2001;
 JOURNAL K.U.Leuven Research & Development (BR)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Human immunodeficiency virus 1"
 /mol_type="Genomic DNA"
 /db_xref="taxon:11676"
 /note="NL4.3 (Adachi et al., 1986)"
 BASE COUNT 5 a 6 c 3 g 3 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TGAACCTCTGCG 846
 Db 15 TGAACCTCTGCG 3

RESULT 352
 AX215713/c 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS Sequence 1155 from Patent WO0159103.
 DEFINITION AX215713
 ACCESSION AX215713
 VERSION AX215713.1 GI:15525756
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 1 Blatt,L., McSwigen,J. and Chowitra,B.M.
 Method and reagent for the modulation and diagnosis of cd20 and
 nogo gene expression
 TITLE Patent: WO 0159103-A 1155 16-AUG-2001;
 JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwigen, James (US) ; Chowitra, Bharat M. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 4 a 6 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1574 CTGTCTGCAGCA 1586
 Db 15 CTGTCTGCAGCA 3

RESULT 353
 AX216210/c 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS Sequence 1652 from Patent WO0159103.
 DEFINITION AX216210
 ACCESSION AX216210
 VERSION AX216210.1 GI:15526253
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 1 Blatt,L., McSwigen,J. and Chowitra,B.M.
 Method and reagent for the modulation and diagnosis of cd20 and
 nogo gene expression
 TITLE Patent: WO 0159103-A 1652 16-AUG-2001;
 JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwigen, James (US) ; Chowitra, Bharat M. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 4 a 6 c 3 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1574 CTGTCTGCAGCA 1586
 Db 17 CTGTCTGCAGCA 5

RESULT 354
 AX216494/c 17 bp mRNA linear PAT 07-SEP-2001
 LOCUS Sequence 1936 from Patent WO0159103.
 DEFINITION AX216494
 ACCESSION AX216494
 VERSION AX216494.1 GI:15526555
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 1 Blatt,L., McSwigen,J. and Chowitra,B.M.
 Method and reagent for the modulation and diagnosis of cd20 and
 nogo gene expression
 TITLE Patent: WO 0159103-A 1936 16-AUG-2001;
 JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
 McSwigen, James (US) ; Chowitra, Bharat M. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="mRNA"
 /db_xref="taxon:32630"
 /note="Nucleic Acid"
 BASE COUNT 4 a 6 c 3 g 4 t

QY 1574 CTGTGCTGACGA 1586
DB 14 CTGTGCTGACGA 2

RESULT 355
LOCUS AX4216625/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 2067 from Patent WO0159103.
ACCESSION AX4216625
VERSION AX4216625.1 GI:15526686
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwigen, J., and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression for the modulation and diagnosis of cd20 and
Patent: WO 0159103-A 2067 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwigen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source 1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 4 c 5 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1223 CTGTGAACCTGCA 1235
DB 17 CTGTGAACCTGCA 5

RESULT 356
LOCUS AX421784/c 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 120 from Patent WO0188124.
ACCESSION AX421784
VERSION AX421784.1 GI:21525166
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., McSwigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 120 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 8 c 0 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGAGAT 245
DB 17 TGTGAGAGAGAT 5

RESULT 357

AX421785/c
LOCUS AX421785 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 121 from Patent WO0188124.
ACCESSION AX421785
VERSION AX421785.1 GI:21525167
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., McSwigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 121 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGAGAT 245
DB 14 TGTGAGAGAGAT 2

RESULT 358
LOCUS AX421786/c 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 122 from Patent WO0188124.
ACCESSION AX421786
VERSION AX421786.1 GI:21525168
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., McSwigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 122 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 TGTGAGAGAGAT 245
DB 13 TGTGAGAGAGAT 1

RESULT 359
LOCUS AX422401/c 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 737 from Patent WO0188124.
ACCESSION AX422401
VERSION AX422401.1 GI:21525783
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, P.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 018124-A 737 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 1 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 233 TGTGAAGAGAT 245
Db 16 TGTGAAGAGAT 4

RESULT 360
AX422402/c 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX422402
DEFINITION Sequence 738 from Patent WO018124.
ACCESSION AX422402
VERSION AX422402.1 GI:21525784
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, P.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 018124-A 738 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 1 g 5 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 233 TGTGAAGAGAT 245
Db 15 TGTGAAGAGAT 3

RESULT 361
AX499166 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499166
DEFINITION Sequence 473 from Patent EP1229046.
ACCESSION AX499166
VERSION AX499166.1 GI:23381459
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 473 07-AUG-2002;

FEATURES Neomica, Inc. (US)
Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 7 c 4 g 4 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 418 CGCAGCTTCAGT 430
Db 1 CGCAGCTTCAGT 13

RESULT 362
AX578291/c 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX578291
DEFINITION Sequence 129 from Patent WO0211674.
ACCESSION AX578291
VERSION AX578291.1 GI:27647493
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grupe, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
JOURNAL Patent: WO 0211674-A 129 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 3 c 6 g 7 t

Query Match 0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 744 CCAGACATCAGC 756
Db 13 CCAGACATCAGC 1

RESULT 363
AX579401/c 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX579401
DEFINITION Sequence 1239 from Patent WO0211674.
ACCESSION AX579401
VERSION AX579401.1 GI:27648603
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
and Grupe, A.
TITLE Method and reagent for the inhibition of calcium activated chloride
JOURNAL Patent: WO 0211674-A 1239 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17

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BASE COUNT      5 a      2 c      4 g      6 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      745 CAGAACATCAGCA 757
DB      17 CAGAACATCAGCA 5

RESULT 364
LOCUS      AX673590      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION      Sequence 2035 from Patent WO03004526.
ACCESSION      AX673590
VERSION      AX673590.1 GI:29331938
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
REFERENCE      1
AUTHORS      Telerman, A., Amson, R. and Tuijthof, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
Molecular Engines Laboratories (FR)
LOCATION/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      5 c      5 g      4 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1506 GGGCTCAAGAT 1518
DB      14 GGGCTCAAGAT 2

RESULT 365
LOCUS      AX727261      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION      Sequence 4948 from Patent WO03025176.
ACCESSION      AX727261
VERSION      AX727261.1 GI:30506604
KEYWORDS
SOURCE      Mus musculus (house mouse)
ORGANISM      Mus musculus
REFERENCE      1
AUTHORS      Telerman, A., Amson, R. and Tuijthof, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Molecular Engines Laboratories (FR)
LOCATION/Qualifiers
1. .17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT      5 a      6 c      2 g      3 t      1 others

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Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1448 TCATCTGCCAATCC 1462
DB      3 TCATCTGCCAATCC 17

RESULT 366
LOCUS      AX728721      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION      Sequence 355 from Patent WO03025175.
ACCESSION      AX728721
VERSION      AX728721.1 GI:30508064
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
REFERENCE      1
AUTHORS      Telerman, A., Amson, R. and Tuijthof, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Molecular Engines Laboratories (FR)
LOCATION/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      4 a      2 c      6 g      5 t
Query Match      0.9%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1541 CTGAATCCTGAT 1553
DB      14 CTGAATCCTGAT 2

RESULT 367
LOCUS      E35291      17 bp      DNA      linear      PAT 18-JUN-2001
DEFINITION      Assay of Chlamydia trachomatis by amplifying and detecting
Chlamydia trachomatis-latent plasmid.
ACCESSION      E35291
VERSION      E35291.1 GI:13019018
KEYWORDS      JP 1999221088-A/18.
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE      1 (bases 1 to 17)
AUTHORS      Paul, A.F. and Dororesu, M.B.
TITLE      Assay of Chlamydia trachomatis by amplifying and detecting
Chlamydia trachomatis-latent plasmid
Molecular Engines Laboratories (FR)
LOCATION/Qualifiers
1. .17
/organism="Unidentified"

COMMENT
OS      Unidentified
PN      JP 1999221088-A/18
PD      17-AUG-1999
PF      04-NOV-1998 JP 1998312798
PR      04-NOV-1997 US 08/963927
PI      PAT. A. ROKUSOUT, DORORESU M BAGA
PC      C12N15/09, C12Q1/04, C12Q1/68, G01N33/569, G01N33/571, C12N15/00 CC
Strandedness: Single;
CC      Topology: linear;
FH      Key
FT      source
LOCATION/Qualifiers
1. .17
/organism="Unidentified".

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source
1. .17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT      6 a      4 c      3 g      4 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      685 GGATTATTGCTG 697
Db      13 GGATTATTGCTG 1

RESULT 368
E35702/c
LOCUS      E35702      17 bp      DNA      linear      PAT 18-JUN-2001
DEFINITION Detection assay with the use of fluorescence and kit therefor.
ACCESSION  E35702
VERSION     E35702.1 GI:13019174
KEYWORDS   JP 1999225799-A/18.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE   1 (bases 1 to 17)
AUTHORS    Michael,C.L. and Gren,P.V.
TITLE      Detection assay with the use of fluorescence and kit therefor
JOURNAL    Patent: JP 1999225799-A 18 24-AUG-1999;
           BECTON DICKINSON & CO
COMMENT    OS Artificial Sequence
           PN JP 1999225799-A/18
           PD 24-AUG-1999
           PF 04-NOV-1998 JP 1998312790
           PR 04-NOV-1997 US 08/964020
           PI MICHAEL C LITTLE, GREEN P YONG
           PC C12Q1/68,G01N21/78,G01N33/50//C12N15/09,C12N15/00 CC
           PH KEY
           FT source
           1. .17
           /organism="Artificial Sequence".
FEATURES
source
1. .17
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT      6 a      4 c      3 g      4 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      685 GGATTATTGCTG 697
Db      13 GGATTATTGCTG 1

RESULT 369
AR076370
LOCUS      AR076370      18 bp      DNA      linear      PAT 30-AUG-2000
DEFINITION Sequence 37 from patent US 5958772.
ACCESSION  AR076370
VERSION     AR076370.1 GI:10003116
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Bennett,C.Frank., Ackermann,B.J. and Cowsett,L.M.
TITLE      Antisense inhibition of cellular inhibitor of apoptosis-1
           expression
JOURNAL    Patent: US 5958772-A 37 28-SEP-1999;
           Location/Qualifiers
           1. .18
           source

JOURNAL    Patent: US 5958772-A 37 28-SEP-1999;
           Location/Qualifiers
           1. .18
           source

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BASE COUNT      6 a      5 c      1 g      6 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      632 TGAATCTCATCA 644
Db      6 TGAATCTCATCA 18

RESULT 370
AR106868/c
LOCUS      AR106868      18 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 29 from patent US 6107092.
ACCESSION  AR106868
VERSION     AR106868.1 GI:12821398
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Cowsett,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE      Antisense modulation of SRA expression
JOURNAL    Patent: US 6107092-A 29 22-AUG-2000;
           Location/Qualifiers
           1. .18
           source

BASE COUNT      3 a      5 c      5 g      5 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1550 TGATGACATCAGC 1562
Db      18 TGATGACATCAGC 6

RESULT 371
AR106903/c
LOCUS      AR106903      18 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 64 from patent US 6107092.
ACCESSION  AR106903
VERSION     AR106903.1 GI:12821433
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS    Cowsett,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE      Antisense modulation of SRA expression
JOURNAL    Patent: US 6107092-A 64 22-AUG-2000;
           Location/Qualifiers
           1. .18
           source

BASE COUNT      3 a      5 c      5 g      5 t

Query Match
Best Local Similarity 100.0%; Score 13; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1550 TGATGACATCAGC 1562
Db      17 TGATGACATCAGC 5

RESULT 372
AR137991/c
LOCUS      AR137991      18 bp      DNA      linear      PAT 16-JUN-2001
DEFINITION Sequence 1 from patent US 6197584.
ACCESSION  AR137991

```

VERSION AR137991.1 GI:14479500
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank, and Cowseart,L.M.
TITLE Antisense modulation of CD40 expression
JOURNAL Patent: US 6197584-A 1 06-MAR-2001,
FEATURES location/Qualifiers
source 1.18
BASE COUNT 4 a 7 c 6 g 1 t
Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1294 GTGGTCTGCGCC 1306
DB 17 GTGGTCTGCGCC 5
RESULT 373
AX119384 18 bp DNA linear PAT 11-MAY-2001
LOCUS Sequence 41 from Patent WO0129251.
ACCESSION AX119384
VERSION AX119384.1 GI:14036303
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Mesisaen,L. and Callens,T.
TITLE Improved mutation analysis of the nfi gene
JOURNAL Patent: WO 0129251-A 41 26-APR-2001;
FEATURES location/Qualifiers
source 1.18
BASE COUNT 5 a 5 c 3 g 5 t
Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 220 CTGTCTCTCAACA 232
DB 5 CTGTCTCTCAACA 17
RESULT 374
AX357001 18 bp DNA linear PAT 13-FEB-2002
LOCUS Sequence 43 from Patent WO0206523.
ACCESSION AX357001
VERSION AX357001.1 GI:18674197
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Butleria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL
FEATURES location/Qualifiers
source 1.18
BASE COUNT 1 a 18
Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 741 GGTCCAGACATCAGC 756
DB 16 GGTCCAGACATCAGC 1
RESULT 376
A88856 16 bp DNA linear PAT 22-JAN-2000
LOCUS Sequence 1004 from Patent WO9833904.
ACCESSION A88856
VERSION A88856.1 GI:6737426
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1004 06-AUG-1998;
FEATURES BIOINFORMATICS GDS (DB); BRYSCH WOLFGANG (DB)
location/Qualifiers
source 1.16
BASE COUNT 3 a 4 c 3 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 6 c 4 g 6 t
Query Match 0.9%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1229 AACTGAGCTGAG 1241
DB 13 AACTGAGCTGAG 1
RESULT 375
A42666 16 bp DNA linear PAT 06-MAR-1997
LOCUS Sequence 185 from Patent WO9502051.
ACCESSION A42666
VERSION A42666.1 GI:2298115
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Schlingensiepen,G., Schlingensiepen,R., Schlingensiepen,K. and
TITLE Brysch,W.
JOURNAL A PHARMACEUTICAL COMPOSITION COMPRISING ANTISENSE-NUCLEIC ACID FOR
PREVENTION AND/OR TREATMENT OF NEURONAL INJURY, DEGENERATION AND
CELL DEATH AND FOR THE TREATMENT OF NEOPLASMS
COMMENT Patent: WO 9502051-A 185 19-JAN-1995;
FEATURES BIOINFORMATICS GDS FUER BIOMOLEKUL (DB)
location/Qualifiers
source 1.16
BASE COUNT 3 a 4 c 3 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 741 GGTCCAGACATCAGC 756
DB 16 GGTCCAGACATCAGC 1
RESULT 376
A88856 16 bp DNA linear PAT 22-JAN-2000
LOCUS Sequence 1004 from Patent WO9833904.
ACCESSION A88856
VERSION A88856.1 GI:6737426
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1004 06-AUG-1998;
FEATURES BIOINFORMATICS GDS (DB); BRYSCH WOLFGANG (DB)
location/Qualifiers
source 1.16
BASE COUNT 3 a 4 c 3 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 741 GGTCCAGACATCAGC 756
 16 GGTCAAGACATCAGC 1

Db

RESULT 177
 LOCUS AR057389 16 bp DNA
 DEFINITION Sequence 1593 from patent US 5837542.
 ACCESSION AR057389
 VERSION AR057389.1 GI:5982966
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 16)
 AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
 TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
 JOURNAL Patent: US 5837542-A 1593 17-NOV-1998;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGGAGGCC 906
 1 CTACAGCCCGGAGGCC 16

Db

RESULT 378
 LOCUS AR115147 16 bp DNA
 DEFINITION Sequence 1593 from patent US 6132967.
 ACCESSION AR115147
 VERSION AR115147.1 GI:14095469
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 16)
 AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
 TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
 JOURNAL Patent: US 6132967-A 1593 17-OCT-2000;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGGAGGCC 906
 1 CTACAGCCCGGAGGCC 16

Db

RESULT 379
 LOCUS AR243246 16 bp DNA
 DEFINITION Sequence 12 from patent US 6475768.
 ACCESSION AR243246
 VERSION AR243246.1 GI:27290391
 KEYWORDS

SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 16)
 AUTHORS Otero,R.R.C., Gardonyi,M., Hahn-Hagerdal,B., van Zyl,W.H. and Dackebag,B.A.V.
 TITLE Xylose isomerase with improved properties
 JOURNAL Patent: US 6475768-A 12 05-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 9 c 2 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGA 511
 16 GGTGCGCGGTGATGA 1

Db

RESULT 380
 LOCUS AX634447 16 bp mRNA
 DEFINITION Sequence 1586 from Patent EP1260586.
 ACCESSION AX634447
 VERSION AX634447.1 GI:28470061
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1
 AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Belgelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and Woolf,T.
 TITLE Method and reagent for inhibiting the expression of disease related genes
 JOURNAL Patent: EP 1260586-A 1586 27-NOV-2002;
 FEATURES PHARMACEUTICALS, INC. (US)
 RIBOZYME Location/Qualifiers
 source 1..16
 /organism="unidentified"
 /mol_type="mRNA"
 /db_xref="taxon:32644"

BASE COUNT 3 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 CTACAGCCCGGAGGCC 906
 1 CTACAGCCCGGAGGCC 16

Db

RESULT 381
 LOCUS BD066369 16 bp DNA
 DEFINITION An antisense oligonucleotide preparation method.
 ACCESSION BD066369
 VERSION BD066369.1 GI:22611972
 KEYWORDS JP 2001511000-A/1004.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 16)
 AUTHORS Schlingensiefen,K.H. and Brysch,W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 1004 07-AUG-2001;
 BIOLOGISCHES INSTITUT FÜR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT OS Unknown
 PN JP 2001511000-A/1004
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 EP 97101531.8
 PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCCH
 PC C12N15/11,C07H21/04,A61K13/70
 CC An antisense oligonucleotide preparation method FH Key
 Location/Qualifiers
 FT source 1..16
 /organism='Unknown'.
 Location/Qualifiers
 1..16
 /organism='unidentified'
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

BASE COUNT 3 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 741 GGTCCAGACATCAGC 756
 Db 16 GGTCCAGACATCAGC 1

RESULT 382
 LOCUS AX688732/c 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1464 from Patent EP1281758.
 ACCESSION AX688732
 VERSION AX688732.1 GI:29411436
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
 SHANNON, M., GU, Y. and NGUYEN, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1464 05-FEB-2003;
 Aecmics, Inc. (US)
 Location/Qualifiers
 1..17
 /organism='Homo sapiens'
 /mol_type='genomic DNA'
 /db_xref='taxon:9606'

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1064 GCACCTGCAGGTTGAG 1079
 Db 16 GCACCTGCAGGTTGAG 1

RESULT 383
 LOCUS AX688731/c 17 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1463 from Patent EP1281758.
 ACCESSION AX688731
 VERSION AX688731.1 GI:29411435
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
 SHANNON, M., GU, Y. and NGUYEN, C.T.

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1463 05-FEB-2003;
 Aecmics, Inc. (US)
 Location/Qualifiers
 1..17
 /organism='Homo sapiens'
 /mol_type='genomic DNA'
 /db_xref='taxon:9606'

BASE COUNT 3 a 6 c 6 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1064 GCACCTGCAGGTTGAG 1079
 Db 17 GCACCTGCAGGTTGAG 2

RESULT 384
 LOCUS A06306/c 17 bp DNA linear PAT 15-JUL-1993
 DEFINITION oligonucleotide.
 ACCESSION A06306
 VERSION A06306.1 GI:412819
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 Artificial sequences.
 1 (bases 1 to 17)
 REFERENCES Schellmeier, K., Moeller, A., Koerwer, W., Doerper, T., Hillen, H.,
 Daun, L., Emiling, F. and Keilhauer, G.
 TITLE Polypeptides: their preparation and their use
 JOURNAL Patent: EP 0250000-A 3 23-DEC-1987;
 BASF Artlangesellschaft
 Location/Qualifiers
 1..17
 /organism='synthetic construct'
 /mol_type='genomic DNA'
 /db_xref='taxon:32630'

BASE COUNT 1 a 9 c 3 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 318 GCCGACGTCGCGAG 333
 Db 17 GCCGACGTCGCGAG 2

RESULT 385
 LOCUS A84875/c 17 bp DNA linear PAT 21-JAN-2000
 DEFINITION Sequence 24 from Patent WO9844106.
 ACCESSION A84875
 VERSION A84875.1 GI:6733723
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.
 1 (bases 1 to 17)
 REFERENCES Maebler, G. and Bonny, C.
 TITLE TRANSCRIPTION FACTOR ISLET-BRAIN 1 (IB1)
 JOURNAL Patent: WO 9844106-A 24 08-OCT-1998;
 WABER GERARD (CH); NICOD PASCAL (CH)
 Location/Qualifiers
 1..17
 /organism='unidentified'
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

BASE COUNT 2 a 3 c 7 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 390 CAACGACCCGTCCTCC 405
DB 16 CAACGACCCGTCCTCC 1

RESULT 386
AR039615
LOCUS AR039615 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 463 from patent US 5807743.
ACCESSION AR039615
VERSION AR039615.1 GI:5958978
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McGswigen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 463 15-SEP-1998;
FEATURES Location/Qualifiers
1..17
source /organism="unknown"

BASE COUNT 0 a 10 c 0 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1090 TTCTCTCCCATCTCTC 1105
DB 2 TTCTCTCCCATCTCTC 17

RESULT 387
AR039631
LOCUS AR039631 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 479 from patent US 5807743.
ACCESSION AR039631
VERSION AR039631.1 GI:5958994
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McGswigen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 479 15-SEP-1998;
FEATURES Location/Qualifiers
1..17
source /organism="unknown"

BASE COUNT 3 a 8 c 1 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1003 TCCATCTACCCACCCA 1018
DB 2 TCCATCTACCCACCCA 17

RESULT 388
AR045771
LOCUS AR045771 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 564 from patent US 5817796.
ACCESSION AR045771
VERSION AR045771.1 GI:5867236
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McGswigen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 564 06-OCT-1998;
FEATURES Location/Qualifiers
1..17
source /organism="unknown"

BASE COUNT 6 a 2 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 746 AGAAGATCTGACGAGAT 761
DB 2 AGAAGATCTGACGAGAT 17

RESULT 389
AR046640
LOCUS AR046640 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1433 from patent US 5817796.
ACCESSION AR046640
VERSION AR046640.1 GI:5968105
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McGswigen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1433 06-OCT-1998;
FEATURES Location/Qualifiers
1..17
source /organism="unknown"

BASE COUNT 6 a 4 c 4 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1546 TCCCTGATGACATCAG 1561
DB 17 TCCCTGATGACATCAG 2

RESULT 390
AR147796
LOCUS AR147796 17 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 3 from patent US 6225049.
ACCESSION AR147796
VERSION AR147796.1 GI:15111886
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Ian,M.S. and Norkins,A.L.
TITLE Human insulinoma-associated cDNA
JOURNAL Patent: US 6225049-A 3 01-MAY-2001;
FEATURES Location/Qualifiers
1..17
source /organism="unknown"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 663 GTTCCCTTCAAGAC 678

Db 1 GTTCCCTGCACTAC 16

RESULT 391

LOCUS AR173373 17 bp DNA 11linear PAT 17-DEC-2001

DEFINITION Sequence 7 from patent US 6303847.

ACCESSION AR173373

VERSION AR173373.1 GI:117912864

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Kawaoka, A. and Ebihama, H.

TITLE DNA encoding a transcription factor controlling phenylpropanoid biosynthesis pathway

JOURNAL Patent: US 6303847-A 7 16-OCT-2001;

FEATURES

source 1.17

BASE COUNT 4 a 8 c 0 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 700 CTCACACTCTCCGACT 715

Db 2 CTCACACTCTCTCT 17

RESULT 392

LOCUS AR186628 17 bp DNA 11linear PAT 20-APR-2002

DEFINITION Sequence 2116 from patent US 6346398.

ACCESSION AR186628

VERSION AR186628.1 GI:20232593

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Pavco, P., McSwigen, J., Stinchcomb, D. and Escobedo, J.

TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

JOURNAL Patent: US 6346398-A 2116 12-FEB-2002;

FEATURES

source 1.17

BASE COUNT 3 a 2 c 8 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 AAGAGTCAGGGGTGT 946

Db 2 AAGAGTCAGGGGTGT 17

RESULT 393

LOCUS AR192425 17 bp DNA 11linear PAT 20-APR-2002

DEFINITION Sequence 7913 from patent US 6346398.

ACCESSION AR192425

VERSION AR192425.1 GI:20238390

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Pavco, P., McSwigen, J., Stinchcomb, D. and Escobedo, J.

TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

JOURNAL Patent: US 6346398-A 7913 12-FEB-2002;

FEATURES

source 1.17

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1098 CCATCTCACTTCTTC 1113

Db 2 CCATCTCACTTCTTC 17

RESULT 394

LOCUS AR195653 17 bp DNA 11linear PAT 20-APR-2002

DEFINITION Sequence 118 from patent US 6350934.

ACCESSION AR195653

VERSION AR195653.1 GI:20245090

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Zwick, M.G., Edington, B.E., McSwigen, J.A., Merlo, P. Ann. Owens, J.

TITLE Nucleic acid encoding delta-9 desaturase

JOURNAL Patent: US 6350934-A 118 26-FEB-2002;

FEATURES

source 1.17

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 438 CTCAGTCCACGCGC 453

Db 1 CTCAGTCCACGCGC 16

RESULT 395

LOCUS AR196291 17 bp DNA 11linear PAT 20-APR-2002

DEFINITION Sequence 756 from patent US 6350934.

ACCESSION AR196291

VERSION AR196291.1 GI:20245728

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)

AUTHORS Zwick, M.G., Edington, B.E., McSwigen, J.A., Merlo, P. Ann. Owens, J.

TITLE Nucleic acid encoding delta-9 desaturase

JOURNAL Patent: US 6350934-A 756 26-FEB-2002;

FEATURES

source 1.17

BASE COUNT 6 a 4 c 3 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 635 ATCTCATCAAGTA 650

Db 1 ATCTCATCAAGTA 650

Db 2 ATCTGCTCAACAAGTA 17

RESULT 396
LOCUS AX099953 17 bp DNA linear PAT 02-APR-2001
DEFINITION Sequence 13 from Patent WO0120034.
ACCESSION AX099953
VERSION AX099953.1 GI:13538963
KEYWORDS
SOURCE
ORGANISM
MUS musculus (house mouse)
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS Voss, J. and Timm, J.
TITLE Methods and compositions for the screening of cell cycle modulators
JOURNAL Patent: WO 0120034-A 13 22-MAR-2001;
BASIS AKTIENGESellschaft (DB)
FEATURES
source
1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"
BASE COUNT 4 a 2 c 5 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1575 TGTGCTGCGAAGCA 1590
Db 1 TCTTTTGCAGAGCA 16

RESULT 397
LOCUS AX214582 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 24 from Patent WO0159103.
ACCESSION AX214582
VERSION AX214582.1 GI:15524625
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 24 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 670 TTCAGAGCAAGTTG 685
Db 2 TTCAAGTACAGTTG 17

RESULT 398
LOCUS AX215437 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 879 from Patent WO0159103.

ACCESSION AX215437 GI:15525480
VERSION AX215437.1 GI:15525480
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 879 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1332 CATGAGGCGGAGCT 1347
Db 16 CTTGAGGCGGAGACT 1

RESULT 399
LOCUS AX215516 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 958 from Patent WO0159103.
ACCESSION AX215516
VERSION AX215516.1 GI:15525559
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS Blatt, L., McSwigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 958 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
BASE COUNT 2 a 5 c 5 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1231 CTGAGCTGAGGCTCT 1246
Db 2 CTGAGCTGAGGCTCT 17

RESULT 400
LOCUS AX215976 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1418 from Patent WO0159103.
ACCESSION AX215976
VERSION AX215976.1 GI:15526019
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

artificial sequences.
1 Blatt, L., McSwiggen, J., and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1418 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 0 a 8 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1321 GAGAGCGGGCCATGG 1336
Db 17 GAGAGCGGGCCCAAG 2

RESULT 401
AX216158 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX216158 Sequence 1600 from Patent W00159103.
DEFINITION AX216158
ACCESSION AX216158
VERSION AX216158.1 GI:15526201
KEYWORDS
SOURCE
ORGANISM
FEATURES
AUTHORS
TITLE
JOURNAL
FEATURES
source

synthetic construct
synthetic construct
artificial sequences.
1 Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1600 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 2 a 5 c 5 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1231 CTGCAGCTGAGCCTCT 1246
Db 1 CTGCAGCTGAGCCTGT 16

RESULT 402
AX218216 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX218216 Sequence 3658 from Patent W00159103.
DEFINITION AX218216
ACCESSION AX218216
VERSION AX218216.1 GI:15528277
KEYWORDS
SOURCE
ORGANISM
FEATURES
AUTHORS
TITLE
JOURNAL
FEATURES
source

synthetic construct
synthetic construct
artificial sequences.
1 Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression

JOURNAL
FEATURES
source

Patent: WO 0159103-A 3658 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 5 a 2 c 5 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TCATGACTCCTGAGTC 878
Db 17 TCATTAATCCTCTGAGTC 2

RESULT 403
AX226916 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX226916 Sequence 288 from Patent W00157206.
DEFINITION AX226916
ACCESSION AX226916
VERSION AX226916.1 GI:15556057
KEYWORDS
SOURCE
ORGANISM
FEATURES
AUTHORS
TITLE
JOURNAL
FEATURES
source

synthetic construct
synthetic construct
artificial sequences.
1 Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 288 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 5 c 1 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 TTGGACAACTGGGAA 1283
Db 16 TTGGATTAACAGGGAA 1

RESULT 404
AX227231 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX227231 Sequence 603 from Patent W00157206.
DEFINITION AX227231
ACCESSION AX227231
VERSION AX227231.1 GI:15556372
KEYWORDS
SOURCE
ORGANISM
FEATURES
AUTHORS
TITLE
JOURNAL
FEATURES
source

synthetic construct
synthetic construct
artificial sequences.
1 Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 603 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 1 a 4 c 5 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTGACTTCTTGCGAT 810
|||||
2 GGTGACTTCTTGCGCTT 17

RESULT 405
AX227232 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX227232
DEFINITION Sequence 604 from Patent WO0157206.
ACCESSION AX227232
VERSION AX227232.1 GI:15556373
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS
TITLE
Fattaey, A.R., Jarvis, T., Mcswigen, J., Booher, R.N. and Holman, P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 604 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 1 a 5 c 3 g 8 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 797 TTGACTCTGGCATTC 812
|||||
1 TTGACTCTGGGCTTC 16

RESULT 406
AX227407 17 bp mRNA linear PAT 10-SEP-2001
LOCUS AX227407
DEFINITION Sequence 779 from Patent WO0157206.
ACCESSION AX227407
VERSION AX227407.1 GI:15556548
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS
TITLE
Fattaey, A.R., Jarvis, T., Mcswigen, J., Booher, R.N. and Holman, P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 779 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 3 a 6 c 1 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1269 TGGACAACTGGGANG 1284
|||||
17 TGGATTAACAGGANG 2

RESULT 407
AX250512/c 17 bp DNA linear PAT 05-OCT-2001
LOCUS AX250512
DEFINITION Sequence 28 from Patent WO0168864.
ACCESSION AX250512
VERSION AX250512.1 GI:15984259
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS
TITLE
Hort, C.M., Hondel, C.M., Punt, P.J., Schuren, P.H. and Christensen, T.
Fungal transcriptional activator useful in methods for producing
polypeptides
Patent: WO 0168864-A 28 20-SEP-2001;
Novozymes A/S (DK)
JOURNAL
location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="P811"

BASE COUNT 2 a 4 c 7 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 GGCTGCCGATCCATG 918
|||||
16 GGCGAGCCATTCATG 1

RESULT 408
AX272586 17 bp mRNA linear PAT 29-OCT-2001
LOCUS AX272586
DEFINITION Sequence 155 from Patent WO0162911.
ACCESSION AX272586
VERSION AX272586.1 GI:16545323
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Bukaryotes; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1
AUTHORS
TITLE
Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
Ellis, J.H.
Method and reagent for the inhibition of grid
Patent: WO 0162911-A 155 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
JOURNAL
location/Qualifiers
1..17
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/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 882 GCTGAGTTCTACAC 897
|||||
1 GCTGGGCTTCACAC 16

RESULT 409
AX319358 17 bp DNA linear PAT 14-DEC-2001
LOCUS AX319358
DEFINITION Sequence 30 from Patent WO0172783.
ACCESSION AX319358

```

VERSION      AXJ19358.1 GI:17901145
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Penttila,M.B., Ward,M., Wang,H., Valkonen,M.J. and Salohelmo,M.L.
TITLE        Production of secreted proteins by recombinant eukaryotic cells
JOURNAL      PATENT: WO 0172783-A 30 04-OCT-2001;
              GENENCOR INTERNATIONAL, INC. (US)
FEATURES     source
              1..17
               /organism="synthetic construct"
               /mol_type="genomic DNA"
               /db_xref="taxon:32630"
               /note="primer"
BASE COUNT   3 a      2 c      6 g      6 t
Query Match  0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 381 CTTCAACACACGAC 396
Db 16 CTTCAACACACGAC 1

RESULT 410
LOCUS      AXJ25921 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 2059 from Patent WO0192512.
ACCESSION  AXJ25921
VERSION     AXJ25921.1 GI:18096681
KEYWORDS   .
SOURCE     Zea mays
ORGANISM   Zea mays
REFERENCE  1
AUTHORS    Kmetec,B.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE      Targeted chromosomal genomic alterations in plants using modified
JOURNAL    single stranded oligonucleotides
JOURNAL    Patent: WO 0192512-A 2059 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES   source
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             /organism="Zea mays"
             /mol_type="genomic DNA"
             /db_xref="taxon:4577"
BASE COUNT 5 a      6 c      5 g      1 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1432 CTGCTGCTGCTGCTG 1447
Db 17 CTGCTGCTGCTGCTG 2

RESULT 411
LOCUS      AXJ25922 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 2060 from Patent WO0192512.
ACCESSION  AXJ25922
VERSION     AXJ25922.1 GI:18096682
KEYWORDS   .
SOURCE     Zea mays
ORGANISM   Zea mays
REFERENCE  1
AUTHORS    Kuriyotaka, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
TITLE      Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
JOURNAL    clade; Panicoidae; Andropogoneae; Zea.
FEATURES   source
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             /organism="Zea mays"
             /mol_type="genomic DNA"
             /db_xref="taxon:4577"

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REFERENCE    1
AUTHORS      Kmetec,B.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE        Targeted chromosomal genomic alterations in plants using modified
JOURNAL      single stranded oligonucleotides
JOURNAL      Patent: WO 0192512-A 2060 06-DEC-2001;
              UNIVERSITY OF DELAWARE (US)
FEATURES     source
              1..17
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               /mol_type="genomic DNA"
               /db_xref="taxon:4577"
BASE COUNT   1 a      5 c      6 g      5 t
Query Match  0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1432 CTGCTGCTGCTGCTG 1447
Db 1 CTGCTGCTGCTGCTG 16

RESULT 412
LOCUS      AXJ23713 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 2049 from Patent WO0188124.
ACCESSION  AXJ23713
VERSION     AXJ23713.1 GI:21527095
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Jasty,T., von Carlwitzer,I., Mcswigen,J.A., McLaughlin,F.G. and
TITLE      Randi,A.M.
JOURNAL    Method and reagent for the inhibition of erg
JOURNAL    Patent: WO 0188124-A 2049 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES   source
            1..17
             /organism="Homo sapiens"
             /mol_type="mRNA"
             /db_xref="taxon:9606"
BASE COUNT 7 a      3 c      6 g      1 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1089 GTTCTCTCCCATCCT 1104
Db 17 GTTCTCTCCCATCCT 2

RESULT 413
LOCUS      AXJ475122 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 343 from Patent WO0224750.
ACCESSION  AXJ475122
VERSION     AXJ475122.1 GI:22214407
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Zhang,J.
TITLE      Human kidney tumor overexpressed membrane protein 1
JOURNAL    Patent: WO 0224750-A 343 28-MAR-2002;
            Aecmica, Inc. (US)
FEATURES   source
            1..17
             /organism="Homo sapiens"
             /mol_type="mRNA"
             /db_xref="taxon:9606"

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BASE COUNT 2 a 5 c 2 g 8 t
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1225 GTGAACTGCAGCTGA 1240
DB 17 GAGAACTGAAGCTGA 2

RESULT 414
AX475123/c 17 bp DNA linear PAT 12-AUG-2002
LOCUS AX475123
DEFINITION Sequence 344 from Patent WO0224750.
ACCESSION AX475123
VERSION AX475123.1 GI:22214408
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Zhang, J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 344 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 2 g 8 t
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1225 GTGAACTGCAGCTGA 1240
DB 16 GAGAACTGAAGCTGA 1

RESULT 415
AX475143 17 bp DNA linear PAT 12-AUG-2002
LOCUS AX475143
DEFINITION Sequence 364 from Patent WO0224750.
ACCESSION AX475143
VERSION AX475143.1 GI:22214428
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Zhang, J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 364 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 3 c 4 g 3 t
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGACA 1590
DB 2 TGTGCTGCAGAGACA 17

RESULT 416
AX475144 17 bp DNA linear PAT 12-AUG-2002
LOCUS AX475144
DEFINITION Sequence 365 from Patent WO0224750.
ACCESSION AX475144
VERSION AX475144.1 GI:22214429
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Zhang, J.
AUTHORS Human kidney tumor overexpressed membrane protein 1
TITLE Patent: WO 0224750-A 365 28-MAR-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 4 c 4 g 3 t
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGACA 1590
DB 1 TGTGCTGCAGAGACA 16

RESULT 417
AX499484/c 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499484
DEFINITION Sequence 791 from Patent EP1229046.
ACCESSION AX499484
VERSION AX499484.1 GI:23381777
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Zhan, J.
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 791 07-AUG-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 4 c 7 g 2 t
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 416 ACCGACCTTCAGTT 431
DB 17 ACCGCGCGTCAGTT 2

RESULT 418
AX499485/c 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499485
DEFINITION Sequence 792 from Patent EP1229046.

ACCESSION AX499485.1 GI:23381778
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 792 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 8 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 416 ACCGACCTTCAGTT 431
Db 16 ACCGCGCGTCAGTT 1
RESULT 419
AX500279 17 bp DNA linear PAT 27-SEP-2002
LOCUS
DEFINITION Sequence 1586 from Patent EP1229046.
ACCESSION AX500279
VERSION AX500279.1 GI:23382572
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1586 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 479 CCAACATCTCGGCTT 494
Db 2 CTAACATCTCGGCTT 17
RESULT 420
AX500280 17 bp DNA linear PAT 27-SEP-2002
LOCUS
DEFINITION Sequence 1587 from Patent EP1229046.
ACCESSION AX500280
VERSION AX500280.1 GI:23382573
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1587 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
Source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 8 g 2 t

TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1587 07-AUG-2002;
Aeomica, Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 479 CCAACATCTCGGCTT 494
Db 1 CTAACATCTCGGCTT 16
RESULT 421
AX527121 17 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 151 from Patent WO0226618.
ACCESSION AX527121
VERSION AX527121.1 GI:25171736
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226618-A 151 04-APR-2002;
Aeomica, Inc. (US)
FEATURES
Source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 4 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1249 ATGAATCTGTGGAG 1264
Db 17 ATGAATCTACCGCAG 2
RESULT 422
AX527123 17 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 153 from Patent WO0226618.
ACCESSION AX527123
VERSION AX527123.1 GI:25171738
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226618-A 153 04-APR-2002;
Aeomica, Inc. (US)
FEATURES
Source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1248 CATGAATCTGTGGCA 1263

Db 16 CATGAATCTACGCA 1

RESULT 423
AX531966/c 17 bp DNA 11near PAT 22-NOV-2002
LOCUS Sequence 1475 from Patent EP1239051.
DEFINITION AX531966
ACCESSION AX531966
VERSION AX531966.1 GI:25255701
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 1475 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 523 CCCATGACCTTGAGC 538

Db 17 CCCAGACCTTGAGC 2

RESULT 424
AX531967/c 17 bp DNA 11near PAT 22-NOV-2002
LOCUS Sequence 1476 from Patent EP1239051.
DEFINITION AX531967
ACCESSION AX531967
VERSION AX531967.1 GI:25255703
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 1476 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 523 CCCATGACCTTGAGC 538

Db 16 CCCAGACCTTGAGC 1

RESULT 425
AX532585/c 17 bp DNA 11near PAT 22-NOV-2002
LOCUS Sequence 2094 from Patent EP1239051.
DEFINITION AX532585
ACCESSION AX532585
VERSION AX532585.1 GI:25256932
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 2094 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
1..17
source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 7 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1124 CGGTTCTGCGAGAGC 1139

Db 17 CGGTTTGGCAGAGC 2

RESULT 426
AX532586/c 17 bp DNA 11near PAT 22-NOV-2002
LOCUS Sequence 2095 from Patent EP1239051.
DEFINITION AX532586
ACCESSION AX532586
VERSION AX532586.1 GI:25256934
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 2095 11-SBP-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
1..17
source /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1124 CGGTTCTGCGAGAGC 1139

Db 16 CGGTTTGGCAGAGC 1

RESULT 427
AX565517/c 17 bp DNA 11near PAT 29-NOV-2002
LOCUS Sequence 6 from Patent WO02077228.
DEFINITION AX565517
ACCESSION AX565517
VERSION AX565517.1 GI:26000867
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.
TITLE Gene involved in V(d) recombination and/or dna repair
JOURNAL Patent: WO 02077228-A 6 03-OCT-2002;
INSERM (E.P.S.T.) (FR)

FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer Ex1R1"

BASE COUNT 3 a 3 c 8 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1168 GCACACTCTGTGTC 1183
Db 16 GCACACGCTGTGCC 1

RESULT 428
AX573352 17 bp DNA linear PAT 29-NOV-2002
LOCUS AX573352
DEFINITION Sequence 6 from Patent WO02077026.
ACCESSION AX573352
VERSION AX573352.1 GI:26005235
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS de Villartay,J.P., Moshous,D. and Fischer,A.
TITLE Gene involved in V(d) recombination and/or dna repair
JOURNAL Patent: WO 02077026-A 6 03-OCT-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR)

FEATURES
source
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer Ex1R1"

BASE COUNT 3 a 3 c 8 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1168 GCACACTCTGTGTC 1183
Db 16 GCACACGCTGTGCC 1

RESULT 429
AX578322 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX578322
DEFINITION Sequence 160 from Patent WO0211674.
ACCESSION AX578322
VERSION AX578322.1 GI:27647524
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Thompson,J., Mcswigen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (cica-1)

JOURNAL Patent: WO 0211674-A 160 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 2 c 2 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1471 GAGAAATGCTATTAT 1486
Db 2 GAGAAATCTACTTAT 17

RESULT 430
AX578323 17 bp mRNA linear PAT 10-JAN-2003
LOCUS AX578323
DEFINITION Sequence 161 from Patent WO0211674.
ACCESSION AX578323
VERSION AX578323.1 GI:27647525
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Thompson,J., Mcswigen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (cica-1)
JOURNAL Patent: WO 0211674-A 161 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)

FEATURES
source
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 3 c 2 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1471 GAGAAATGCTATTAT 1486
Db 1 GAGAAATCTACTTAT 16

RESULT 431
AX616051 17 bp DNA linear PAT 20-FEB-2003
LOCUS AX616051
DEFINITION Sequence 858 from Patent EP1262488.
ACCESSION AX616051
VERSION AX616051.1 GI:28447097
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu,Y. and Nguyen,C.T.
TITLE Human lcc1-domain containing protein
JOURNAL Patent: BP 1262488-A 858 04-DEC-2002;
Aeomica, Inc. (US)

FEATURES
source
1. .17
/organism="Homo sapiens"

BASE COUNT 4 a 2 c 5 g 6 t
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 GCAACATCACCCTCAA 386
|||||
Db 17 GCAGCATCATCTTCAA 2

RESULT 432
AX616888
LOCUS AX616888 17 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 23 from Patent WO02095033.
ACCESSION AX616888
VERSION AX616888.1 GI:28447721
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Raoult, D. and Drancourt, M.
TITLE Sequence of the tropheryma whippellii bacteria rpoB gene and oligonucleotide for molecular diagnosis of whippell's disease
JOURNAL Patent: WO 02095033-A 23 28-NOV-2002;
Universite de la Mediterranee, Aix-Marseille II (FR)
Location/Qualifiers
1. 17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="SEQUENCE DESCRIPTION artificielle:amorce"

BASE COUNT 5 a 6 c 2 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 ACCTTCACACACACG 394
|||||
Db 1 ACCTTCATCATCACG 16

RESULT 433
AX648951
LOCUS AX648951 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 791 from Patent EP1273660.
ACCESSION AX648951
VERSION AX648951.1 GI:29151769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 791 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 5 g 6 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 CTCGTGTTGCAGAGA 1324
|||||
Db 2 CTCGTGTTGCAGAGA 17

RESULT 434
AX648953
LOCUS AX648953 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 793 from Patent EP1273660.
ACCESSION AX648953
VERSION AX648953.1 GI:29151771
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 793 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 6 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1310 TCTGTGTTGCAGAG 1325
|||||
Db 1 TCTGTGTTGCAGAG 16

RESULT 435
AX688218
LOCUS AX688218 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 950 from Patent EP1281758.
ACCESSION AX688218
VERSION AX688218.1 GI:29410918
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 950 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 9 a 2 c 6 g 0 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1513 AAGGATTAAGAGGCA 1528
|||||
Db 2 AAGGAAAGAGGCA 17

RESULT 436
AX688219
LOCUS AX688219 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 951 from Patent EP1281758.
ACCESSION AX688219
VERSION AX688219.1 GI:29410919
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 951 05-FEB-2003;
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 10 a 1 c 6 g 0 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1513 AACGATTAAGAGGCCA 1528
|||||
1 AAGGAAAAGAGCGCAA 16

RESULT 437
AX688609 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 1341 from Patent EP1281758.
DEFINITION AX688609
ACCESSION AX688609.1 GI:29411311
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1341 05-FEB-2003;
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 7 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 343 TACGTGACGAGT 358
|||||
1 TACGTGTGACGAGT 16

RESULT 438
AX693065 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 5797 from Patent EP1281758.
DEFINITION AX693065
ACCESSION AX693065.1 GI:29416029
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 951 05-FEB-2003;
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 10 a 1 c 6 g 0 t

REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5797 05-FEB-2003;
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1530 TCAGGCTATTCTGAA 1545
|||||
2 TCAGGCAATTCTGAA 17

RESULT 439
AX693066 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 5798 from Patent EP1281758.
DEFINITION AX693066
ACCESSION AX693066.1 GI:29416030
VERSION
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5798 05-FEB-2003;
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 3 c 3 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1530 TCAGGCTATTCTGAA 1545
|||||
1 TCAGGCAATTCTGAA 16

RESULT 440
AX722388 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 75 from Patent WO03025176.
DEFINITION AX722388
ACCESSION AX722388.1 GI:30422889
VERSION
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 75 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17

BASE COUNT 7 a 3 c 4 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 635 ATCTCATCAACAAGTA 650
Db 2 ATCTGAGCAACAAGTA 17

RESULT 441
AX723615/c 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX723615
DEFINITION Sequence 1302 from Patent WO03025176.
ACCESSION AX723615
VERSION AX723615.1 GI:30424116
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 1302 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 6 a 3 c 4 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 TTCTGCAATTCGATC 817
Db 16 TTCTGAAATCCGATC 1

RESULT 442
AX724146 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724146
DEFINITION Sequence 1833 from Patent WO03025176.
ACCESSION AX724146
VERSION AX724146.1 GI:30503489
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 1833 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"

BASE COUNT 2 a 8 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 250 ATCCCTCTATCTC 265
Db 2 ATCCCTCTAGCCT 17

RESULT 443
AX724851 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724851
DEFINITION Sequence 2538 from Patent WO03025176.
ACCESSION AX724851
VERSION AX724851.1 GI:30504194
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 2538 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 8 a 4 c 2 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 GATCCATGAGCTAT 926
Db 1 GATCCACAAGCTAT 16

RESULT 444
AX724986 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX724986/c
DEFINITION Sequence 2673 from Patent WO03025176.
ACCESSION AX724986
VERSION AX724986.1 GI:30504329
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 2673 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 7 a 3 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1364 CTCAGCTGGTGTGAT 1379
 |||||
 Db 17 CTCACCTGGTGTGAT 2

RESULT 445
 AX726777 17 bp DNA 1linear PAT 08-MAY-2003

LOCUS AX726777
 DEFINITION Sequence 4464 from Patent WO03025176.
 ACCESSION AX726777
 VERSION AX726777.1 GI:30506120

KEYWORDS
 SOURCE Mus musculus (house mouse)

ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 1 Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025176-A 4464 27-MAR-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GATCCACCTGGTGAC 774
 |||||
 Db 1 GATCCACCTGGTGACC 16

RESULT 446
 AX727293 17 bp DNA 1linear PAT 08-MAY-2003

LOCUS AX727293
 DEFINITION Sequence 4980 from Patent WO03025176.
 ACCESSION AX727293
 VERSION AX727293.1 GI:30506636

KEYWORDS
 SOURCE Mus musculus (house mouse)

ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 1 Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025176-A 4980 27-MAR-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1..17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 5 a 4 c 6 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CATCTGCTGTGGGT 498
 |||||
 Db 17 CACCTGCTGTGGAT 2

RESULT 447
 AX728736 17 bp DNA 1linear PAT 08-MAY-2003

LOCUS AX728736
 DEFINITION Sequence 370 from Patent WO03025175.
 ACCESSION AX728736
 VERSION AX728736.1 GI:30508079

KEYWORDS
 SOURCE Homo sapiens (human)

ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
 1 Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 370 27-MAR-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 1 a 7 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 899 CGAGGCGCTGCCGATC 914
 |||||
 Db 16 CGAGGCGCGAGATC 1

RESULT 448
 AX729407 17 bp DNA 1linear PAT 08-MAY-2003

LOCUS AX729407
 DEFINITION Sequence 1041 from Patent WO03025175.
 ACCESSION AX729407
 VERSION AX729407.1 GI:30508750

KEYWORDS
 SOURCE Homo sapiens (human)

ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
 1 Telerman, A., Amson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 1041 27-MAR-2003;
 Molecular Engines Laboratories (FR)

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1369 GATGACATGCGCCAG 1404
 |||||
 Db 1 GATGACATGCGCCAG 16

RESULT 449
 AX729777 17 bp DNA 1linear PAT 08-MAY-2003

DEFINITION Sequence 1411 from Patent WO03025175.
ACCESSION AX729777
VERSION AX729777.1 GI:30509120
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1411 27-MAR-2003;
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 4 c 5 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1176 CTTGTTCCGAGATC 1191
Db 16 CTTGTTCCGAGATC 1
RESULT 450
AX730229 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX730229
DEFINITION Sequence 1863 from Patent WO03025175.
ACCESSION AX730229
VERSION AX730229.1 GI:30509572
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1863 27-MAR-2003;
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 7 c 3 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1557 ATCACTCCCAAGGC 1572
Db 2 ATCACTCCCAAGGC 17
RESULT 451
AX730853 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX730853
DEFINITION Sequence 2487 from Patent WO03025175.
ACCESSION AX730853
VERSION AX730853.1 GI:30510196
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2487 27-MAR-2003;
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 5 c 3 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1254 ATCTGTCCGAGCATT 1269
Db 2 ATCTGTCCGAGCATT 17
RESULT 452
AX731672 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX731672
DEFINITION Sequence 3306 from Patent WO03025175.
ACCESSION AX731672
VERSION AX731672.1 GI:30511015
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 3306 27-MAR-2003;
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 5 c 3 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 546 GACCTTGCAATTCACC 561
Db 1 GACCTTGCAATTCACC 16
RESULT 453
AX733164 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX733164
DEFINITION Sequence 4798 from Patent WO03025175.
ACCESSION AX733164
VERSION AX733164.1 GI:30512507
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 4798 27-MAR-2003;

FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 6 c 2 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GGTTGACTTCTGGCAT 810
|||||
17 GGTTGACTTCTGGCAT 2

Db

RESULT 454
LOCUS AX735417 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1007 from Patent WO03025177.
ACCESSION AX735417
VERSION AX735417.1 GI:30514694
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 1007 27-MAR-2003;
FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1271 GACCAACTGGAGAT 1286
|||||
17 GACCAACTGGAGAT 2

Db

RESULT 455
LOCUS AX736063 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1653 from Patent WO03025177.
ACCESSION AX736063
VERSION AX736063.1 GI:30515340
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 1653 27-MAR-2003;
FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 9 a 2 c 4 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 TTCTGGCATTCGATC 817
|||||
16 TTCTGGCATTCGATC 1

Db

RESULT 456
LOCUS AX736421 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2011 from Patent WO03025177.
ACCESSION AX736421
VERSION AX736421.1 GI:30515709
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 2011 27-MAR-2003;
FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1215 GAACGTCTCTGTGAA 1230
|||||
1 GATCTCTCTGTGAA 16

Db

RESULT 457
LOCUS AX737740 17 bp DNA linear PAT 09-MAY-2003
DEFINITION Sequence 3330 from Patent WO03025177.
ACCESSION AX737740
VERSION AX737740.1 GI:30517028
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 3330 27-MAR-2003;
FEATURES
source Location/Qualifiers

1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 3 c 5 g 7 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 525 CATGACCCCTGAAGCTC 540
|||
16 CAAGACCCCTGAAGATC 1

Db

RESULT 458
AX739703 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 5293 from Patent WO03025177.
DEFINITION AX739703
ACCESSION AX739703.1 GI:30519000
VERSION
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Teitelman, A., Anson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 5293 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 4 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GGTCTGCGCGCTGCTC 1311
|||
1 GATCCTGCGCGCTGCTC 16

Db

RESULT 459
BD104205 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD104205
DEFINITION Kit and method for determining HLA type.
ACCESSION BD104205
VERSION BD104205.1 GI:22649779
KEYWORDS WO 0192572-A/309.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 17)
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
TITLE Kit and method for determining HLA type
JOURNAL Patent: WO 0192572-A 309 06-DEC-2001;
NISHIMBO INDUSTRIES INC., SYSTEM RESEARCH INC., HIDEOTOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
OS Artificial Sequence
COMMENT PN WO 0192572-A/309
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture

FR Key Location/Qualifiers
FT source 1. .17
/organism="Artificial Sequence".
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 5 c 4 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1179 GTTCTGACATCCAC 1194
|||
1 GTTCTGACATCCAC 16

Db

RESULT 461
152823 17 bp DNA linear PAT 07-OCT-1997
LOCUS 152823
DEFINITION Sequence 564 from patent US 5646042.
ACCESSION 152823
VERSION 152823.1 GI:2474024
KEYWORDS

FR Key Location/Qualifiers
FT source 1. .17
/organism="Artificial Sequence".
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 5 c 4 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1179 GTTCTGACATCCAC 1194
|||
1 GTTCTGACATCCAC 16

Db

RESULT 460
BD104525 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD104525
DEFINITION Kit and method for determining HLA type.
ACCESSION BD104525
VERSION BD104525.1 GI:22650099
KEYWORDS WO 0192572-A/629.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 17)
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
TITLE Kit and method for determining HLA type
JOURNAL Patent: WO 0192572-A 629 06-DEC-2001;
NISHIMBO INDUSTRIES INC., SYSTEM RESEARCH INC., HIDEOTOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
OS Artificial Sequence
COMMENT PN WO 0192572-A/629
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FR Key Location/Qualifiers
FT source 1. .17
/organism="Artificial Sequence".

SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
TITLE C-myd targeted ribozymes
JOURNAL Patent: US 5646042-A 564 08-JUL-1997;
FEATURES Location/Qualifiers
SOURCE 1.17
BASE COUNT 6 a 2 c 5 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGAACATGACGAGAT 761
DB 2 AGAAGATCTGCAGCAT 17

RESULT 462
153692/c
LOCUS 153692 17 bp DNA
DEFINITION Sequence 1433 from patent US 5646042.
ACCESSION 153692
VERSION 153692.1 GI:2474895
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
TITLE C-myd targeted ribozymes
JOURNAL Patent: US 5646042-A 1433 08-JUL-1997;
FEATURES Location/Qualifiers
SOURCE 1.17
BASE COUNT 6 a 4 c 4 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1546 TCCCTGATGACATCAG 1561
DB 17 TCCTCTGTGACATCAG 2

RESULT 463
A26385
LOCUS A26385 18 bp DNA
DEFINITION probe no.3.
ACCESSION A26385
VERSION A26385.1 GI:904942
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS
TITLE ANTIGEN PROCESSING
JOURNAL Patent: WO 9211289-A 11 09-JUL-1992;
FEATURES Location/Qualifiers
SOURCE 1.18
BASE COUNT 4 a 6 c 5 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1410 CCTCTGCGCTGCGC 1425
DB 1 CCTCTGAGACTGCGC 16

RESULT 464
A29086/c
LOCUS A29086 18 bp DNA
DEFINITION Oligonucleotide EBI-1857 from patent EP0393438.
ACCESSION A29086
VERSION A29086.1 GI:1248880
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Hauptmann,R., Himmeler,A., Maurer-Fogy,I. and Stratowa,C.
TITLE TNF-receptor, TNF-binding protein and DNA coding therefor
JOURNAL Patent: EP 0393438-A 36 24-OCT-1990;
FEATURES Location/Qualifiers
SOURCE 1.18
BASE COUNT 4 a 5 c 9 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGCTTGCCCGCGCC 1039
DB 16 GGCTGCTGCCCTTGCC 1

RESULT 465
A32096/c
LOCUS A32096 18 bp DNA
DEFINITION Oligonucleotide EBI-1857 from patent WO9201055.
ACCESSION A32096
VERSION A32096.1 GI:1926520
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS
TITLE O-GLYCOSYLATED IFN-ALPHA
JOURNAL Patent: WO 9201055-A 5 23-JAN-1992;
FEATURES Location/Qualifiers
SOURCE 1.18
BASE COUNT 4 a 5 c 9 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGCTTGCCCGCGCC 1039
DB 16 GGCTGCTGCCCTTGCC 1

RESULT 466
A57275/c
LOCUS A57275 18 bp DNA
DEFINITION Sequence 7 from Patent WO9630512.
ACCESSION A57275
VERSION A57275.1 GI:3713170

KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
FEATURES
source
CDS
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

RESULT 467
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

RESULT 468
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

RESULT 469
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

RESULT 470
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT
Query Match
Best Local Similarity
Matches
14; Conservative
0.9%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 4.2e+02;
0; Mismatches 2; Indels 0; Gaps 0;

RESULT 476
AR084526 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR084526
DEFINITION Sequence 15 from patent US 5981185.
ACCESSION AR084526
VERSION AR084526.1 GI:10011297
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 15 09-NOV-1999;
FEATURES
Source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 12 a 6 c 0 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 384 CAACACACGACACACC 399
DB 2 CAACACACACACACAC 17
RESULT 477
AR084527 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR084527
DEFINITION Sequence 16 from patent US 5981185.
ACCESSION AR084527
VERSION AR084527.1 GI:10011298
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 16 09-NOV-1999;
FEATURES
Source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 12 a 6 c 0 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 384 CAACACACGACACACC 399
DB 1 CAACACACACACACAC 16
RESULT 478
AR085593 18 bp DNA linear PAT 01-SEP-2000
LOCUS AR085593
DEFINITION Sequence 29 from patent US 5981732.
ACCESSION AR085593
VERSION AR085593.1 GI:10012360
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser,L.M.
TITLE Antisense modulation of G-alpha-13 expression
JOURNAL Patent: US 5981732-A 29 09-NOV-1999;
FEATURES
Source Location/Qualifiers
1..18

BASE COUNT 4 a 7 c 6 g 1 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1430 TCCTGCTGCTGCTGCC 1445
DB 17 TCCTGCTGCTGCTGCC 2
RESULT 479
AR088230 18 bp DNA linear PAT 07-SEP-2000
LOCUS AR088230
DEFINITION Sequence 112 from patent US 5989843.
ACCESSION AR088230
VERSION AR088230.1 GI:10014993
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Gallatin,W.Michael. and Vazeux,R.
TITLE Methode for identifying modulators of protein kinase C
JOURNAL phosphorylation of ICM-related protein
Patent: US 5989843-A 112 23-NOV-1999;
FEATURES
Source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 3 a 1 c 7 g 7 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 941 GGGGTTTGAAGGCT 956
DB 2 GGGGTTTGAAGGCT 17
RESULT 480
AR092871 18 bp DNA linear PAT 08-SEP-2000
LOCUS AR092871
DEFINITION Sequence 86 from patent US 5998206.
ACCESSION AR092871
VERSION AR092871.1 GI:10019623
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cowser,L.M.
TITLE Antisense inhibition of human G-alpha-12 expression
JOURNAL Patent: US 5998206-A 86 07-DEC-1999;
FEATURES
Source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 4 a 4 c 5 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 531 CCTGAAGCTCATCATG 546
DB 18 CCTGAAGACATCATG 3
RESULT 481
AR098347 18 bp DNA linear PAT 14-FEB-2001
LOCUS AR098347
DEFINITION Sequence 7 from patent US 6075123.

ACCESSION AR098347 GI:12807604
 VERSION AR098347.1
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Lahli, J.M. and Kidd, V.J.
 TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
 JOURNAL Patent: US 6075133-A 7 13-JUN-2000;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 7 a 4 c 5 g 2 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1426 TGGCTCTGCTGCTCG 1441
 DB 17 TGCATCTTCTGCTCG 2

RESULT 482
 LOCUS AR098767 18 bp DNA linear PAT 14-FEB-2001
 DEFINITION Sequence 22 from patent US 6077672.
 ACCESSION AR098767
 VERSION AR098767.1 GI:12808533
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Montu, B.P. and Cowse, L.M.
 TITLE Antisense modulation of TRADD expression
 JOURNAL Patent: US 6077672-A 22 20-JUN-2000;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 2 a 10 c 3 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1315 TTGCGAGAGCGCGG 1330
 DB 18 TTGCGAGAGCGCGG 3

RESULT 483
 LOCUS AR106952 18 bp DNA linear PAT 14-FEB-2001
 DEFINITION Sequence 113 from patent US 6107092.
 ACCESSION AR106952
 VERSION AR106952.1 GI:12821482
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Cowse, L.M., Bennett, C., Frank, and O'Malley, B.W.
 TITLE Antisense modulation of SRA expression
 JOURNAL Patent: US 6107092-A 113 22-AUG-2000;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 4 a 4 c 9 g 1 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1143 GACTGGCCCTGACCCCT 1158
 DB 17 GACTGGCCCTGACCCCT 2

RESULT 484
 LOCUS AR147446 18 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 28 from patent US 6221594.
 ACCESSION AR147446
 VERSION AR147446.1 GI:15111249
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Burrell, P., Christopher, Blackall, L., Louise, and Keller, J.
 TITLE Method for the detection of aquatic nitrite oxidizing
 JOURNAL microorganisms of the genus Nitrospira
 Patent: US 6221594-A 28 24-APR-2001;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 5 a 2 c 10 g 1 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GTCCATCTACCCACC 1017
 DB 17 GTCCATCTTCTCTCC 2

RESULT 485
 LOCUS AR172136 18 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 5 from patent US 6303292.
 ACCESSION AR172136
 VERSION AR172136.1 GI:17911627
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Weiner, A.J. and Houghton, M.
 TITLE Immunoreactive polypeptide compositions
 JOURNAL Patent: US 6303292-A 5 16-OCT-2001;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"

BASE COUNT 4 a 4 c 7 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 781 AACGGGCTGAGCAAG 796
 DB 2 AACGGGCTGAGCTCG 17

RESULT 486
 LOCUS AR174181 18 bp DNA linear PAT 17-DEC-2001
 DEFINITION Sequence 7 from patent US 6306648.
 ACCESSION AR174181
 VERSION AR174181.1 GI:17914501
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Labti J.M. and Kidd V.J.
 TITLE Cyclin-C variants, and diagnostic and therapeutic uses thereof
 JOURNAL Patent: US 6306648-A 7 23-OCT-2001;
 FEATURES Location/Qualifiers
 source 1..18

BASE COUNT 7 a 4 c 5 g 2 t
 /organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1426 TGGCTCGCTGCTG 1441
 Db 17 TGCATCCTTCTGCTG 2

RESULT 487
 LOCUS AR189007 18 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 4495 from patent US 6346398.
 ACCESSION AR189007
 VERSION AR189007.1 GI:20234972
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
 TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
 JOURNAL Patent: US 6346398-A 4495 12-FEB-2002;
 FEATURES Location/Qualifiers
 source 1..18

BASE COUNT 8 a 6 c 2 g 2 t
 /organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1544 AATCCGTATGACATC 1559
 Db 1 AATCCAGATGACAC 16

RESULT 488
 LOCUS AR196126 18 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 591 from patent US 6350934.
 ACCESSION AR196126
 VERSION AR196126.1 GI:20245563
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P., Ann Owens, G., L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
 TITLE Nucleic acid encoding delta-9 desaturase
 JOURNAL Patent: US 6350934-A 591 26-FEB-2002;
 FEATURES Location/Qualifiers
 source 1..18

BASE COUNT 5 a 8 c 3 g 2 t
 /organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 438 CTCGAGTCCAGCGC 453

Db 2 CTCACGCTCCAGCGC 17

RESULT 489
 LOCUS AR200500 18 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 5 from patent US 6358505.
 ACCESSION AR200500
 VERSION AR200500.1 GI:20251388
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Zurfluh, L., Klein, B., McWhorter, C., Feng, Y., McKearn, J. and Bradford-Goldberg, S.
 TITLE G-CSF receptor agonists
 JOURNAL Patent: US 6358505-A 5 19-MAR-2002;
 FEATURES Location/Qualifiers
 source 1..18

BASE COUNT 2 a 4 c 10 g 2 t
 /organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 784 GGGCTGACGACGCTG 799
 Db 1 GGGCTGCGCAGCTG 16

RESULT 490
 LOCUS AR211098 18 bp DNA linear PAT 20-JUN-2002
 DEFINITION Sequence 11 from patent US 6399297.
 ACCESSION AR211098
 VERSION AR211098.1 GI:21514330
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Baker, B.F., Cowbert, L.M., Monia, B.P. and Xu, X.S.
 TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)
 JOURNAL Patent: US 6399297-A 11 04-JUN-2002;
 FEATURES Location/Qualifiers
 source 1..18

BASE COUNT 5 a 6 c 6 g 1 t
 /organism="unknown"

Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1566 CAGGCTCTGCTG 1581
 Db 18 CAGGCTCTGCTG 3

RESULT 491
 LOCUS AR274633 18 bp DNA linear PAT 10-APR-2003
 DEFINITION Sequence 17 from patent US 6506595.
 ACCESSION AR274633
 VERSION AR274633.1 GI:29707167
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Sato,S., Higashikuni,N., Kudo,T. and Kondo,M.
TITLE DNA encoding new fusion proteins and processes for preparing
useful polypeptides through expression of the DNAs
JOURNAL Patent: US 6506595-A 17 14-JAN-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
BASE COUNT 3 a 1 c 6 g 8 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1486 TTTTGAGTAGTAGTA 1501
Db 1 TTTTGAGCTGTAGTA 16
RESULT 492
AR295552 AR295552 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 7287 from patent US 6537751.
DEFINITION AR295552
ACCESSION AR295552
VERSION AR295552.1 GI:31682836
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7287 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
BASE COUNT 9 a 2 c 6 g 1 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1463 GGAGCCAGAGAAAG 1478
Db 1 GTAGCCAGAGAAAG 16
RESULT 493
AR295679 AR295679 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 7414 from patent US 6537751.
DEFINITION AR295679
ACCESSION AR295679
VERSION AR295679.1 GI:31682963
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7414 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
BASE COUNT 2 a 4 c 5 g 7 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1227 GAACTGCAGCTGAGC 1242
Db 1 GAACTGCAGCTGAGC 1242

Db 18 GAACTGCAGCTGAAC 3
RESULT 494
AR296438 AR296438 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 8173 from patent US 6537751.
DEFINITION AR296438
ACCESSION AR296438
VERSION AR296438.1 GI:31683722
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 8173 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
BASE COUNT 8 a 4 c 5 g 1 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 649 TACTTCCAGCAGATG 664
Db 16 TCTTTCAGGCTGT 1
RESULT 495
AR298838 AR298838 18 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 10573 from patent US 6537751.
DEFINITION AR298838
ACCESSION AR298838
VERSION AR298838.1 GI:31686122
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 10573 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
BASE COUNT 2 a 7 c 1 g 8 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1493 GTAGTAGTAAAGAG 1508
Db 17 GTAGTAGTAAAGAG 2
RESULT 496
AX005410 AX005410 18 bp DNA linear PAT 24-AUG-2000
LOCUS Sequence 529 from Patent W0909186.
DEFINITION AX005410
ACCESSION AX005410
VERSION AX005410.1 GI:9928585
KEYWORDS
SOURCE Mycobacterium tuberculosis
ORGANISM Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinomycetales;
Corynebacteriales; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.

REFERENCE 1
AUTHORS Portnoi, D. and Guigueno, A.
TITLE Polypeptide nucleic sequences exported from mycobacteria, vectors
JOURNAL Computing name and uses for diagnosing and preventing tuberculosis
PATENT: WO 9909186-A 529 25-FEB-1999;
PORTNOI DENIS (FR); GUIGUENO AGNES (FR)
FEATURES
SOURCE 1. .18
/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
/note="AMRCR INVERSE SEQ ID NO 26"
BASE COUNT 2 a 6 c 5 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 546 GACCTTGGCATTGACC 561
Db 2 GACCTTGGGATTGCGCC 17
RESULT 497
LOCUS AX039152 18 bp DNA linear PAT 18-NOV-2000
DEFINITION Sequence 9 from Patent WO0063253.
ACCESSION AX039152
VERSION AX039152.1 GI:11229295
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Hsu, H. and Meng, S. Y.
TITLE Agp-1 fusion protein compositions and methods
JOURNAL Patent: WO 0063253-A 9 26-OCT-2000;
Amgen Inc. (US)
FEATURES
SOURCE 1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="synthetic"
BASE COUNT 6 a 4 c 3 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 669 CTTCAAGAGCAAGTTC 684
Db 2 CTTCAAGAGGATTTTC 17
RESULT 498
LOCUS AX134736 18 bp DNA linear PAT 29-MAY-2001
DEFINITION Sequence 19 from Patent WO0132876.
ACCESSION AX134736
VERSION AX134736.1 GI:14271253
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Murphy, A. N., Cleverger, W., Wiley, S. E., Andreyev, A. Y., Frigeri, L. G.,
Velicelebi, G. and Davis, R. E.
TITLE Compositions and methods for determining interactions of
mitochondrial components, and for identifying agents that alter
such interactions
JOURNAL Patent: WO 0132876-A 19 10-MAY-2001;
MITOKOR (US)

FEATURES
SOURCE 1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sequencing primer"
BASE COUNT 6 a 4 c 3 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 669 CTTCAAGAGCAAGTTC 684
Db 2 CTTCAAGAGGATTTTC 17
RESULT 499
LOCUS AX234565 18 bp DNA linear PAT 11-SEP-2001
DEFINITION Sequence 40 from Patent WO0162975.
ACCESSION AX234565
VERSION AX234565.1 GI:15593548
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Liu, Q. and Sommer, S. S.
TITLE Pyrophosphorolysis activated polymerization (pap): application to
allele-specific amplification and nucleic acid sequence
determination
JOURNAL Patent: WO 0162975-A 40 30-AUG-2001;
City of Hope (US)
FEATURES
SOURCE 1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
misc_feature 18
/note="dideoxynucleotide"
BASE COUNT 2 a 9 c 2 g 5 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 244 ATCCCTATCCCTCT 259
Db 1 ACCCTATCCCTGCT 16
RESULT 500
LOCUS AX250500 18 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 16 from Patent WO0168864.
ACCESSION AX250500
VERSION AX250500.1 GI:15984247
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Horts, C. M., Hondel, C. M., Punt, P. J., Schuren, F. H. and Christensen, T.
TITLE Fungal transcriptional activator useful in methods for producing
polypeptides
JOURNAL Patent: WO 0168864-A 16 20-SEP-2001;
Novozymes A/S (DK)
FEATURES
SOURCE 1. .18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"

BASE COUNT 3 a 5 c 7 t
 Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 182 AGCAGGCTCTTAAGAA 197
 DB 17 AGCGGCTTCATAGAA 2

RESULT 501
 AX301864
 LOCUS Sequence 19 from Patent WO0185944.
 DEFINITION AX301864
 ACCESSION AX301864.1 GI:17382921
 VERSION
 KEYWORDS
 ORGANISM
 SOURCE
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL

Anderson, C.M., Davis, R.E., Cleverger, W., Wiley, S.E., Miller, S.W., Szabo, T.R., Ghosh, S.S., Moos, W.H., Pel, Y., and Carroll, A.K. Production of adenine nucleotide translocator (ant), novel ant ligands and screening assays therefor Patent: WO 0185944-A 19 15-NOV-2001; MITOKOR (US)

FEATURES
 source
 1.18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="PCR Primer"

BASE COUNT 6 a 4 c 3 g 5 t
 Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTTCAAGCACAAGTTC 684
 DB 2 CTTCAAGCAGAATTC 17

RESULT 502
 AX356967
 LOCUS Sequence 9 from Patent WO0206523.
 DEFINITION AX356967
 ACCESSION AX356967.1 GI:18674163
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL

Homo sapiens (human)
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 1
 Acuna, G., Foernzler, D. and Leong, D.U. Method for detecting pre-disposition to hepatotoxicity Patent: WO 0206523-A 9 24-JAN-2002;
 F. HOFFMANN-LA ROCHE AG (CH)

FEATURES
 source
 1.18
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 7 c 2 g 6 t
 Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 395 ACACCGTCTCTTCT 410
 DB 3 ACACCTTCTCTTCAAT 18

RESULT 503
 AX468124
 LOCUS Sequence 14 from Patent WO0246410.
 DEFINITION AX468124
 ACCESSION AX468124.1 GI:21900997
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL

Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1
 Lin, B. Prostate-specific polypeptide pump and encoding nucleic acid molecules Patent: WO 0246410-A 14 13-JUN-2002;
 The Institute for Systems Biology (US)

FEATURES
 source
 1.18
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 3 a 2 c 9 g 4 t
 Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 501 GCGGATGATGATGCG 516
 DB 2 GCGATGATGATGCG 17

RESULT 504
 AX599328
 LOCUS Sequence 668 from Patent WO02077272.
 DEFINITION AX599328
 ACCESSION AX599328.1 GI:28399472
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL

synthetic construct
 synthetic construct
 artificial sequences.
 1
 Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Leche, R., Leu, E., Lewin, A., Lipscher, E., Walter, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H. Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders Patent: WO 02077272-A 668 03-OCT-2002;
 Epigenomics AG (DE)

FEATURES
 source
 1.18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
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 /note="Detection oligonucleotide for BCL2"

BASE COUNT 2 a 0 c 7 g 9 t
 Query Match 0.9%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 367 AAAAGCAACATCAGCT 382
 DB 18 AAAACCAACACACT 3

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RESULT 505
AX599445/c
LOCUS AX599445 18 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 785 from Patent WO02077272.
ACCESSION AX599445
VERSION AX599445.1 GI:2839589
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Berlin, K., Braun, A., Dietler, J., Gueig, D., Howe, A., Mueller, J.,
Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Liu, B.,
Levin, A., Lipscher, B., Maier, S., Model, F., Mueller, V., Otto, T.,
Pellet, C. and Ziebarth, H.
TITLE Methods and nucleic acids for the analysis of hematopoietic cell
proliferative disorders
JOURNAL Patent: WO 02077272-A 785 03-OCT-2002;
Epigenomics AG (DE)
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for MLH1"
BASE COUNT 4 a 1 c 7 g 6 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 667 CCTTCAAGACAACT 682
Db 18 CCTTCAAGACAACT 3
RESULT 506
AX705816
LOCUS AX705816 18 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 485 from Patent WO03014388.
ACCESSION AX705816
VERSION AX705816.1 GI:29562481
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Dietler, J., Model, F. and Taubert, H.
TITLE Method and nucleic acids for the analysis of colon cancer
JOURNAL Patent: WO 03014388-A 485 20-FEB-2003;
Epigenomics AG (DE)
FEATURES
source
1..18
/location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TP53"
BASE COUNT 2 a 0 c 5 g 11 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1482 TTTATTTGGAGTAGT 1497
Db 2 TTTTGTGGAGTAGT 17
RESULT 507
AX718610/c
LOCUS AX718610 18 bp DNA linear PAT 15-APR-2003

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DEFINITION Sequence 174 from Patent WO02103043.
ACCESSION AX718610
VERSION AX718610.1 GI:29891176
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Belmfahr, C. and Snaidr, J.
TITLE Method for the specific fast detection of bacteria which is harmful
to beer
JOURNAL Patent: WO 02103043-A 174 27-DEC-2002;
Vermicon AG (DE)
FEATURES
source
1..18
/location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"
BASE COUNT 4 a 7 c 3 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1273 CAACTGGGAGGATG 1288
Db 18 CAATCTGGAGGATG 3
RESULT 508
AX734274
LOCUS AX734274 18 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4 from Patent WO03025218.
ACCESSION AX734274
VERSION AX734274.1 GI:30513603
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Lemaire, K., de Rop, L., van Dijk, P. and Thewissen, J.
TITLE Novel methods and yeast strains for screening antifungal agents
JOURNAL Patent: WO 03025218-A 4 27-MAR-2003;
K.U.Leuven Research & Development (BE)
FEATURES
source
1..18
/location/Qualifiers
/organism="Candida albicans"
/mol_type="genomic DNA"
/db_xref="taxon:5476"
/note="diagnostic primer Candida GPR1 ORF"
misc_feature
1..18
BASE COUNT 3 a 3 c 8 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 501 GCGCGTATGATGAG 516
Db 1 GCGCGTATGATGAG 16
RESULT 509
BD022411
LOCUS BD022411 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Multi-functional chimeric hematopoietic receptor agonists.
ACCESSION BD022411
VERSION BD022411.1 GI:22563634
KEYWORDS
SOURCE
ORGANISM
unidentified

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REFERENCE unclassified.
1 (bases 1 to 18)
AUTHORS McWalter,C.A., Fen,I., Mckyan,J.P., Somers,N.L., Sutate,N.R.,
Sutcliffe,P.R., Mainari,J.C., Minster,N.I. and Wolf,S.L.
TITLE Multi-functional chimeric hematopoietic receptor agonists
JOURNAL Patent: JP 2001504689-A 366 10-APR-2001;
G D SEARLE AND CO
PN JP 2001504689-A/366
LOCUS PD 10-APR-2001
DEFINITION PD 23-OCT-1997 JP 1998519754
ACCESSION PI CHARLES A MCWALTAR, IKIN FEN, JOHN P MCKYAN, NINA L SOMERS, PI
VERSION PI PHILIP R SUTCLIFFE, JOHN C MAINARI, NANCY I MINSTER, SUSAN L WOLF
KEYWORDS PC C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P7/06, PC
A61P31/00,
PC A61P35/00, A61P37/02, C07K14/475, C07K14/52, C12P21/02, C12N15/00,
PC A61K37/02
CC Strandedness: Single;
CC Topology: Linear;
CC Key Location/Qualifiers.
FEATURES
source 1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 2 a 4 c 10 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 784 GGGCTGACGACGCTTG 799
DB 1 GGGCTGCGCAGCGTG 16
RESULT 510
LOCUS BD065386 18 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065386
VERSION BD065386.1 GI:22610989
KEYWORDS JP 2001511000-A/21.
SOURCE unclassified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Schlingensiefen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 21 07-AUG-2001;
BIOLOGISTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT OS Unknown
PN JP 2001511000-A/21
LOCUS PD 07-AUG-2001
DEFINITION PD 30-JAN-1998 JP 1998532533
ACCESSION PR 31-JAN-1997 EP 97101531.8
KEYWORDS PI KARL HERMANN SCHLINGENSIEFEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..18
/organism="Unknown".
FEATURES
source Location/Qualifiers
1..18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 5 a 5 c 8 g 0 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1084 CCCTGTTCTCTCC 1099
DB 18 CCGGTGCTCTCCC 3
RESULT 511
LOCUS BD103982 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Klt and method for determining HLA type.
ACCESSION BD103982
VERSION BD103982.1 GI:22649556
KEYWORDS WO 0192572-A/86.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
Nishida,M.
TITLE Klt and method for determining HLA type
JOURNAL Patent: WO 0192572-A 86 06-DEC-2001;
NISHINO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAKKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
COMMENT OS Artificial Sequence
PN WO 0192572-A/86
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDETOSHI INOKO, TAKKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH Key Location/Qualifiers
FT source 1..18
/organism="Artificial Sequence".
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source Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 4 c 7 g 4 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 194 AGAAGTCGCGATCGA 209
DB 3 AGTAGTCGCGCTTGA 18
RESULT 512
LOCUS BD165776 18 bp DNA linear PAT 17-JAN-2003
DEFINITION Immunoreactive hepatitis C virus polypeptide compositions.
ACCESSION BD165776
VERSION BD165776.1 GI:27871588
KEYWORDS JP 2002167336-A/5.
SOURCE unclassified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive hepatitis C virus polypeptide compositions
JOURNAL Patent: JP 2002167336-A 5 11-JUN-2002;
CHIRON CORP
COMMENT OS Unclassified
PN JP 2002167336-A/5
PD 11-JUN-2002
PF 11-JUL-2001 JP 2001211447
PR 13-SEP-1991 US 759575
PI AMY J WEINER, MICHAEL HOUGHTON

PC A61K39/29, A61P31/12, C07K14/18, C07K16/10, C12N1/15, C12N1/19, PC
C12N1/21,
PC C12N5/10, C12N15/09, C12P21/02, G01N33/576, C12N15/00, C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Immunoreactive hepatitis C virus polypeptide compositions FH
Key Location/Qualifiers
FT source 1.18
/organism='Unidentified'.
Location/Qualifiers

BASE COUNT

4 a 4 c 7 g 3 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 AACGGCTGAGCAAG 796
|||||
2 AACGGCTGAGCTCG 17

RESULT 513
LOCUS E06700 18 bp DNA linear PAT 29-SEP-1997
DEFINITION E06700 encoding N-terminal hexapeptide of Cellulomonas utricase.
ACCESSION E06700
VERSION E06700.1 GI:2174882
KEYWORDS JP 1994038766-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 18)
Yagasaki, M., Iehino, S., Iwata, K., Azuma, M., Teshiba, S.,
Hasegawa, M., Yamaguchi, K., Yano, K., Yokoo, Y. and Hashimoto, Y.
TITLE URICASE GENE AND PRODUCTION OF URICASE
JOURNAL Patent: JP 1994038766-A 2 15-FEB-1994;
KYOMA HAKKO KOGYO CO LTD
COMMENT OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1994038766-A/2
PD 15-FEB-1994
PF 04-DEC-1991 JP 1991320525
PI YAGASAKI MAKOTO, ISHINO SHUTCHI, IWATA KAZUHISA, PI AZUMA
MASAYUKI,
PI TESHIBA SADAO, HASEGAWA MASARU, YAMAGUCHI KAZUO, YANO KEIICHI,
PI YOKOO YOSHIHARU, HASHIMOTO YUKIO
PC C12N15/53, C12N1/20, C12N1/21, C12N9/06, (C12N15/53, C12R1:01), PC
(C12N1/20,
PC C12R1:01), (C12N1/21, C12R1:19), (C12N9/06, C12R1:19), (C12N9/06,
PC C12R1:01);
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
CC *source: clone-pvt118;
FH key Location/Qualifiers
FT mat_peptide 1.18
FT /product='N-terminal hexapeptide of FT
FT misc_feature 1.18
FT Cellulomonas utricase'
FT /note='used for high expression of FT
FT Cellulomonas utricase'
FT Location/Qualifiers
1.18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
4 a 6 c 2 g 6 t

FEATURES
source
BASE COUNT

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1490 GGAGTAGTAGTAAAA 1505
|||||
17 GGAGTAGTAGTAGACA 2

RESULT 514
LOCUS E23737 18 bp DNA linear PAT 18-JUN-2001
DEFINITION E23737
Immortalized human papilla pili cell and method for evaluating hair
growth stimulants with the use of the same.
ACCESSION E23737
VERSION E23737.1 GI:13024485
KEYWORDS JP 199089565-A/26.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
Jun, S., Eriko, T., Chika, H., Akhiro, I., Masahiro, T. and Hiroshi, H.
TITLE Immortalized human papilla pili cell and method for evaluating hair
growth stimulants with the use of the same
JOURNAL Patent: JP 199089565-A 26 06-APR-1999;
SHIRIDO CO LTD
COMMENT OS Unidentified
PN JP 199089565-A/26
PD 06-APR-1999
PF 19-SEP-1997 JP 1997271927
PR

PI JUN SUZUKI, ERIKO TAKEOKA, CHIKA HAMADA, AKIHIRO ISHINO, PI
MASAHIRO TAJIMA,
PI HIROSHI HANADA
PC C12N5/10, A61K7/06, C12N15/09, C12P21/02, C12Q1/02//C12N5/10, PC
C12R1:91),
PC (C12P21/02, C12R1:91), C12N5/00, C12N15/00, (C12N5/00, C12R1:91) CC
Strandedness: Single;
CC Topology: Linear;
FH key Location/Qualifiers
FT source 1.18
/organism='Unidentified'.
Location/Qualifiers
1.18
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT

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Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1293 TGTGCTCTGCGCTG 1308
|||||
18 TGTGCTCTGCTGCTG 3

RESULT 515
LOCUS E35235 18 bp DNA linear PAT 18-JUN-2001
DEFINITION E35235
Method for distinguishing HLA-A allele type.
ACCESSION E35235
VERSION E35235.1 GI:13018980
KEYWORDS JP 1999216000-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 18)
Toyotaru, M. and Toshihiko, K.
TITLE Method for distinguishing HLA-A allele type
JOURNAL Patent: JP 1999216000-A 12 10-AUG-1999;

COMMENT SHIONOGI & CO LTD
OS Artificial Sequence
PN JP 1999216000-A/12
PD 10-AUG-1999
PP 27-OCT-1998 JP 1998305892
PR
PI TOYOTERU MORIBE, TOSHIHIKO KANESHIGE
PC C1201/68, G01N27/447//C12N15/09
CC
FH
FT source location/Qualifiers
1.18 /organism='Artificial Sequence'

FEATURES
source
1.18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 2 a 3 c 9 g 4 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 AAGCCCATGACCTGA 535
DB 17 AAGCCCTCACCTGA 2

RESULT 516
E39166 18 bp DNA linear PAT 18-JUN-2001
LOCUS E39166
DEFINITION DNA encoding novel fused protein and process for producing useful protein mediating the expression thereof.
ACCESSION E39166
KEYWORDS E39166.1 GI:13019240
SOURCE JP 1999341991-A/12.
ORGANISM JP 1999341991-A/12.
artificial construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE
AUTHORS Seiji S., Masahiko H., Toshiyuki K. and Masaaki K.
TITLE DNA encoding novel fused protein and process for producing useful protein mediating the expression thereof
JOURNAL Patent: JP 1999341991-A 12 14-DEC-1999;
ITO HAM KK, JUZO UDAKA
OS Artificial Sequence
PN JP 1999341991-A/12
PD 14-DEC-1999
PP 30-MAR-1999 JP 1999089488
PR
PI SRIJI SATO, MASAHIKO HIGASHIKUJI, TOSHIYUKI KUDO, MASAKI KONDO
PC C12N15/09, C12N1/21, C12P21/02, C12P21/02//C07K14/605, C07K14/62,
PC C07K14/655,
PC C07K19/00, (C12N15/09, C12R1:08), (C12N1/21, C12R1:08), (C12P21/02,
PC C12R1:08), (C12N15/00, C12R1:08)
PC C12N15/00, (C12N15/00, C12R1:08)
CC
FH
FT source location/Qualifiers
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/organism='Artificial Sequence'

FEATURES
source
1.18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 3 a 1 c 6 g 8 t

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1486 TTTTGAGTAGTAGTA 1501
DB 1 TTTTGAGTAGTAGTA 1501

DB 1 TTTTGAGCTGTAGTA 16

RESULT 517
E130800 130800 18 bp DNA linear PAT 06-FEB-1997
LOCUS E130800
DEFINITION Sequence 238 from patent US 5580971.
ACCESSION 130800
VERSION 130800.1 GI:1821591
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Unclassified.
TITLE 1 (bases 1 to 18)
JOURNAL Mitsuhashi, M.
Fungal detection system based on rRNA probes
Patent: US 5580971-A 238 03-DEC-1996;
FEATURES
source location/Qualifiers
1.18
/organism='unknown'

BASE COUNT 3 a 5 c 5 g 4 t 1 others

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1181 TCCTGACATCCACCG 1197
DB 2 TTCTGGANATGCACCG 18

RESULT 518
E146259 146259 18 bp DNA linear PAT 07-OCT-1997
LOCUS E146259
DEFINITION Sequence 238 from patent US 5639612.
ACCESSION 146259
VERSION 146259.1 GI:2470224
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Unclassified.
TITLE 1 (bases 1 to 18)
JOURNAL Mitsuhashi, M. and Cooper, A.
Method for detecting polynucleotides with immobilized polynucleotide probes identified based on T.sub.m
Patent: US 5639612-A 238 17-JUN-1997;
FEATURES
source location/Qualifiers
1.18
/organism='unknown'

BASE COUNT 3 a 5 c 5 g 4 t 1 others

Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1181 TCCTGACATCCACCG 1197
DB 2 TTCTGGANATGCACCG 18

RESULT 519
E166198 166198 18 bp DNA linear PAT 28-DEC-1997
LOCUS E166198
DEFINITION Sequence 5 from patent US 5670152.
ACCESSION 166198
VERSION 166198.1 GI:2724175
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Unclassified.
TITLE 1 (bases 1 to 18)
JOURNAL Weiner, A.J. and Houghton, M.
Immunoreactive polypeptide compositions

JOURNAL Patent: US 5670152-A 5 23-SEP-1997;
FEATURES Location/Qualifiers
source 1. 18
BASE COUNT 4 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 781 AACGGGCTGACGACAG 796
DB 2 AACGGGCTGACGCTCG 17
RESULT 520
LOCUS 166211 18 bp DNA linear PAT 28-DEC-1997
DEFINITION Sequence 5 from patent US 5670153.
ACCESSION 166211
VERSION 166211.1 GI:2724188
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5670153-A 5 23-SEP-1997;
FEATURES Location/Qualifiers
source 1. 18
BASE COUNT 4 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 781 AACGGGCTGACGACAG 796
DB 2 AACGGGCTGACGCTCG 17
RESULT 521
LOCUS 174498 18 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 2 from patent US 5688670.
ACCESSION 174498
VERSION 174498.1 GI:3010639
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Szostak,J.W., Lorech,J.R. and Wilson,C.
TITLE Self-modifying RNA molecules and methods of making
JOURNAL Patent: US 5688670-A 2 18-NOV-1997;
FEATURES Location/Qualifiers
source 1. 18
BASE COUNT 7 a 4 c 5 g 2 t
Query Match 0.9%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 749 ACATGACGACGATCCA 764
DB 1 ACGTCAGAGGATCCA 16
RESULT 522
AX377093/c
AX377093/c

LOCUS AX377093 15 bp DNA linear PAT 18-MAR-2002
DEFINITION Sequence 14 from Patent WO0212561.
ACCESSION AX377093
VERSION AX377093.1 GI:19573384
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kazemi,A., Messer,C. and Tanguay,D.A.
TITLE Haplotypes of the orig1 gene
JOURNAL Patent: WO 0212561-A 14 14-FEB-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
source 1. 15
BASE COUNT 2 a 3 c 4 g 5 t 1 others
Query Match 0.9%; Score 12.6; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.9e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1467 CCAGAGGAATGC 1479
DB 15 CCAGAGGAATGC 3
RESULT 523
AX419945
LOCUS AX419945 14 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 282 from Patent WO0198537.
ACCESSION AX419945
VERSION AX419945.1 GI:21524312
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lyamchev,V., Allawi,H., Dong,F., Neri,B.P. and Veneri,I.T.
TITLE Nucleic acid accessible hybridization sites
JOURNAL Patent: WO 0198537-A 282 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES Location/Qualifiers
source 1. 14
BASE COUNT 2 a 2 c 6 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1367 ACCTGCTGCTGATG 1380
DB 1 AGCTGCTGCTGATG 14
RESULT 524
AR033598/c
AR033598 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 364 from patent US 5869253.
ACCESSION AR033598
VERSION AR033598.1 GI:5949203
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.

TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 5869253-A 364 09-FEB-1999;
FEATURES Location/Qualifiers
source 1.15
/organism="unknown"

BASE COUNT 0 a 10 c 2 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCATGAGGGG 1342
DB 15 GGCAGAGAGGGG 2

RESULT 525
AR041422 AR041422 15 bp DNA 11linear PAT 29-SEP-1999
DEFINITION Sequence 212 from patent US 5811300.
ACCESSION AR041422
VERSION AR041422.1 GI:5961918
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K., Kisch,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF- α ribozymes
JOURNAL Patent: US 5811300-A 212 22-SEP-1998;
FEATURES Location/Qualifiers
source 1.15
/organism="unknown"

BASE COUNT 4 a 0 c 4 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1480 TATTATTGAG 1493
DB 1 TATTATTGAG 14

RESULT 526
AR056147 AR056147 15 bp DNA 11linear PAT 29-SEP-1999
DEFINITION Sequence 351 from patent US 5837542.
ACCESSION AR056147
VERSION AR056147.1 GI:5961724
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 351 17-NOV-1998;
FEATURES Location/Qualifiers
source 1.15
/organism="unknown"

BASE COUNT 4 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTATGCTCC 1300
DB 14 TGAGCTATGCTCC 1

RESULT 527
AR113420 AR113420 15 bp DNA 11linear PAT 16-MAY-2001
DEFINITION Sequence 364 from patent US 6132966.
ACCESSION AR113420
VERSION AR113420.1 GI:14093742
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.
TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 6132966-A 364 17-OCT-2000;
FEATURES Location/Qualifiers
source 1.15
/organism="unknown"

BASE COUNT 0 a 10 c 2 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCATGAGGGG 1342
DB 15 GGCAGAGAGGGG 2

RESULT 528
AR113905 AR113905 15 bp DNA 11linear PAT 16-MAY-2001
DEFINITION Sequence 351 from patent US 6132967.
ACCESSION AR113905
VERSION AR113905.1 GI:14094227
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 351 17-OCT-2000;
FEATURES Location/Qualifiers
source 1.15
/organism="unknown"

BASE COUNT 4 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1287 TGAGCTATGCTCC 1300
DB 14 TGAGCTATGCTCC 1

RESULT 529
AR180441 AR180441 15 bp DNA 11linear PAT 20-APR-2002
DEFINITION Sequence 509 from patent US 6333152.
ACCESSION AR180441
VERSION AR180441.1 GI:2022474
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE Gene expression profiles in normal and cancer cells
JOURNAL Patent: US 6333152-A 509 25-DEC-2001;
FEATURES Location/Qualifiers

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source 1. .15
/organism="unknown"
BASE COUNT 3 a 3 c 6 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 650 ACTTCCAGGATG 663
|||||
Db 14 ACTTCCAGGATG 1

RESULT 530
LOCUS AX057554 15 bp DNA linear PAT 17-JAN-2001
DEFINITION Sequence 10 from Patent WO0077259.
ACCESSION AX057554
VERSION AX057554.1 GI:12310282
KEYWORDS
SOURCE Dekkera bruxellensis
ORGANISM Dekkera bruxellensis
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Dekkera.
REFERENCE
1 Hyldig-Nielsen,J.V., O'Keefe,H.P. and Stender,H.
AUTHORS Probes, probe sets, methods and kits pertaining to the detection,
TITLE identification and/or enumeration of yeast; particularly in wine
JOURNAL Patent: WO 007259-A-10 21-DEC-2000;
Boston Probes, Inc. (US)
FEATURES
source
1. .15
/organism="Dekkera bruxellensis"
/mol_type="genomic DNA"
/db_xref="taxon:5007"
/notes="Description of Combined DNA/RNA Molecule:PROBING
Nucleobase Sequence"
BASE COUNT 4 a 6 c 3 g 2 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 974 TGCGTCCCAAAAC 987
|||||
Db 2 TGCGTCCCAAAAC 15

RESULT 531
LOCUS AX085033 15 bp DNA linear PAT 09-MAR-2001
DEFINITION Sequence 210 from Patent WO0113117.
ACCESSION AX085033
VERSION AX085033.1 GI:13275181
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Herath,H.M.
AUTHORS Proteins, genes and their use for diagnosis and treatment of breast
TITLE Cancer
JOURNAL Patent: WO 0113117-A 210 22-FEB-2001;
FEATURES Oxford Glycosciences (UK) Limited (GB)
source
1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/notes="Probe"
BASE COUNT 2 a 3 c 7 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;

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Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1065 CACCTGCAGGTCA 1078
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Db 15 CACCTGCAGGTCA 2

RESULT 532
LOCUS AX104861 15 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 1053 from Patent WO0122972.
ACCESSION AX104861
VERSION AX104861.1 GI:13921058
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kriegl,A.M., Scheffter,C. and Vollmer,J.C.
AUTHORS Immunostimulatory nucleic acids
TITLE Patent: WO 0122972-A 1053 05-APR-2001;
JOURNAL UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DB)
FEATURES
source
1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 3 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CCTGCAGTTCAGT 1080
|||||
Db 2 CCTGCAGTTCAGT 15

RESULT 533
LOCUS AX419946 15 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 283 from Patent WO0198537.
ACCESSION AX419946
VERSION AX419946.1 GI:21524313
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Lyamchev,V., Allawi,H., Dong,F., Neri,B.P. and Vener,I.T.
AUTHORS Nucleic acid accessible hybridization sites
TITLE Patent: WO 0198537-A 283 27-DEC-2001;
JOURNAL THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source
1. .15
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 3 a 5 c 4 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1531 CAGGCTATTCGA 1544
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Db 1 CAGGCTATTCGA 14

RESULT 534
AX547914

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LOCUS AX547914 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 1053 from Patent WO02053141.
ACCESSION AX547914
KEYWORDS AX547914.1 GI:25813058
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Bratzler,R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 1053 11-UTL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
BASE COUNT 3 a 3 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1067 CCTGCAGGTTTCACT 1080
DB 2 CCTGCAGGTTTCACT 15
RESULT 535
AX633177/c 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX633177
DEFINITION Sequence 316 from Patent EP1260586.
ACCESSION AX633177
VERSION AX633177.1 GI:28468791
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcsavigen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 316 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1.15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 5 c 4 g 2 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1287 TGAGCTGTGCTGC 1300
DB 14 TGAGCTGTGCTGC 1
RESULT 536
AX636045 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX636045
DEFINITION Sequence 3184 from Patent EP1260586.
ACCESSION AX636045
VERSION AX636045.1 GI:28471659
KEYWORDS

SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcsavigen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 3184 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1.15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 4 c 3 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1557 ATCAGCTCCCAAG 1570
DB 1 ATCAGCTCCCAAG 14
RESULT 537
AX636902 15 bp mRNA linear PAT 21-FEB-2003
LOCUS AX636902
DEFINITION Sequence 4041 from Patent EP1260586.
ACCESSION AX636902
VERSION AX636902.1 GI:28472516
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Dizenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcsavigen,J.A., Kodak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 4041 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1.15
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"
BASE COUNT 4 a 0 c 4 g 7 t
Query Match 0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1480 TATTATTGTTGGAG 1493
DB 1 TATTATTGTTGGAG 14
RESULT 538
BD013390 15 bp DNA linear PAT 27-AUG-2002
LOCUS BD013390/c
DEFINITION Apparatus for analyzing polymorphism of repeated sequence.
ACCESSION BD013390
VERSION BD013390.1 GI:22553704
KEYWORDS JP 2001086993-A/2.
SOURCE Homo sapiens (human)

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ORGANISM      Homo sapiens
REFERENCE      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS        Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE          Takahashi, T.
JOURNAL        Apparatus for analyzing polymorphism of repeated sequence
COMMENT        Patent: JP 2001086993-A 2 03-APR-2001;
                OLYMPUS OPTICAL CO LTD
                OS Homo sapiens (human)
                PN JP 2001086993-A/2
                PD 03-APR-2001
                PF 24-SEP-1999 JP 1999271288
                PI TAKEO TAKAHASHI
                PC C12N15/09, C12M1/00, C12Q1/68, C12N15/00
                CC
                FT
FEATURES
  source       Location/Qualifiers
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                /organism="Homo sapiens"
                /mol_type="genomic DNA"
                /db_xref="taxon:9606"
BASE COUNT    0 a 0 c 5 g 10 t
Query Match   0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 |||||
Db 15 CACCAACACGACA 2

RESULT 539
BD178528      15 bp DNA linear PAT 16-APR-2003
LOCUS         BD178528
DEFINITION   Method of detecting nucleic acid relating to disease.
ACCESSION    BD178528.1 GI:30015794
VERSION      WO 02077281-A/34.
KEYWORDS     unidentified
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE     1 (bases 1 to 15)
AUTHORS      Hashimoto, M., Mishiro, S. and Ota, Y.
TITLE        Method of detecting nucleic acid relating to disease
JOURNAL      Patent: WO 02077281-A 34 03-OCT-2002;
                TOSHIBA CORP, KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO,
                YASUHIKO OTA
COMMENT      OS Hepatitis virus (hepatitis C virus)
                PN WO 02077281-A/34
                PD 03-OCT-2002
                PF 05-MAR-2002 WO 2002JP002030
                PR 27-MAR-2001 JP 01P 090053, 18-SEP-2001 JP 01P 284112 PI
                KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO, YASUHIKO OTA PC
                C12Q1/68, C12N15/09, C12M1/00, G01N33/53, G01N33/543, G01N33/566, PC
                G01N33/576,
                PC G01N37/00
                CC Method of detecting nucleic acid relating to disease FH Key
                FT source Location/Qualifiers
                   1..15
                   /organism="Hepatitis virus (hepatitis C virus)"
                   /virus)
FEATURES
  source       Location/Qualifiers
                1..15
                /organism="unidentified"
                /mol_type="genomic DNA"
                /db_xref="taxon:32644"
BASE COUNT    5 a 3 c 6 g 1 t
Query Match   0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 303 CCTGAAGGCGGAGA 316
Db 2 CATGAGGCGGAGA 15

RESULT 540
157827/c
LOCUS         157827
DEFINITION   Sequence 364 from patent US 5610054.
ACCESSION    157827
VERSION      157827.1 GI:2482891
KEYWORDS     Unknown.
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE     1 (bases 1 to 15)
AUTHORS      Draper, K.G.
TITLE        Enzymatic RNA molecule targeted against Hepatitis C virus
JOURNAL      Patent: US 5610054-A 364 11-MAR-1997;
FEATURES
  source       Location/Qualifiers
                1..15
                /organism="unknown"
BASE COUNT    0 a 10 c 2 g 3 t
Query Match   0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1329 GGCATGAGGCGG 1342
Db 15 GGCACAGGCGGCG 2

RESULT 541
161551
LOCUS         161551
DEFINITION   Sequence 105 from patent US 5658780.
ACCESSION    161551
VERSION      161551.1 GI:2479499
KEYWORDS     Unknown.
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE     1 (bases 1 to 15)
AUTHORS      Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
TITLE        Rel a targeted ribozymes
JOURNAL      Patent: US 5658780-A 105 19-AUG-1997;
FEATURES
  source       Location/Qualifiers
                1..15
                /organism="unknown"
BASE COUNT    4 a 4 c 3 g 4 t
Query Match   0.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 ATCAGCTCCGAGG 1570
Db 1 ATCAGCTCCTAAGG 14

RESULT 542
S65223
LOCUS         S65223
DEFINITION   Arylsulfatase B (ASB) [human, mRNA Partial Mutant, 15 nt].
ACCESSION    S65223
VERSION      S65223.1 GI:238983
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

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REFERENCE 1 (bases 1 to 15)
 AUTHORS Wicker, G., Prill, V., Brooks, D., Gibson, G., Hopwood, J., von
 Figura, K., and Peters, C.
 TITLE Mucopolysaccharidosis VI (Maroteaux-Lamy syndrome). An intermediate
 clinical phenotype caused by substitution of valine for glycine at
 position 137 of arylsulphatase B
 JOURNAL J. Biol. Chem. 266 (32), 21386-21391 (1991)
 MEDLINE 92042029
 PUBMED 1718978
 REMARK Genbank staff at the National Library of Medicine created this
 entry [NCBI gisbq 65223] from the original journal article.
 COMMENT This sequence comes from Fig. 2
 G-to-A point mutation at nt #1126 changes a.a. #376 from Val to
 Met.

FEATURES
 source Location/Qualifiers
 1..15
 /organism="Homo sapiens"
 /mol_type="rRNA"
 /db_xref="taxon:9606"
 1..15
 /partial
 /gene="arylsulfatase B (ASB)"

BASE COUNT 5 a 2 c 4 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 3.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 226 TTCACATGTGGA 239
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 1 TTCGACATGTGGA 14

Db 1 TTCGACATGTGGA 14

RESULT 543
 LOCUS A88489 16 bp DNA linear PAT 22-JUN-2000
 DEFINITION Sequence 637 from Patent WO9833904.
 ACCESSION A88489
 VERSION A88489.1 GI:6737059
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Brysch, W. and Schlingensiepen, K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 637 06-AUG-1998;
 BIOLOGISTIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
 source Location/Qualifiers
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 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGAGGAGCA 1591
 |||||
 16 GCTGAGGAGCA 3

Db 16 GCTGAGGAGCA 3

RESULT 544
 LOCUS A90456 16 bp DNA linear PAT 22-JUN-2000
 DEFINITION Sequence 637 from Patent EP0856579.
 ACCESSION A90456
 VERSION A90456.1 GI:6738970
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 16)
 AUTHORS Brysch, W.D. and Schlingensiepen, K.D.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: EP 0856579-A 637 05-AUG-1998;
 BIOLOGISTIK GES (DE)
 FEATURES
 source Location/Qualifiers
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 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGAGGAGCA 1591
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 16 GCTGAGGAGCA 3

Db 16 GCTGAGGAGCA 3

RESULT 545
 LOCUS AR211616 16 bp DNA linear PAT 20-JUN-2002
 DEFINITION Sequence 35 from patent US 6399340.
 ACCESSION AR211616
 VERSION AR211616.1 GI:21514985
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Saito, Y., Noguchi, Y., Yoshikawa, K. and Seeda, S.
 TITLE Vector derivatives of gluconobacter plasmid pF4
 JOURNAL Patent: US 6399340-A 35 04-JUN-2002;
 FEATURES
 source Location/Qualifiers
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 /organism="unknown"

BASE COUNT 4 a 3 c 7 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 449 ACGGCTCGAGAGC 462
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 3 ACGGCTCGAGAGC 16

Db 3 ACGGCTCGAGAGC 16

RESULT 546
 LOCUS AX252970 16 bp DNA linear PAT 05-OCT-2001
 DEFINITION Sequence 13 from Patent WO0168900.
 ACCESSION AX252970
 VERSION AX252970.1 GI:15986224
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Walcher, M., Wagner, M. and Snajdr, J.
 TITLE Method for specifically detecting microorganisms by polymerase
 chain reaction
 JOURNAL Patent: WO 0168900-A 13 20-SEP-2001;
 Vericon AG (DE)
 FEATURES
 source Location/Qualifiers
 1..16
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen Sequenz:
 Oligonukleotidprimer"

BASE COUNT 1 a 3 c 7 g 4 t 1 others

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGCAGATCCACCTC 768
|||||
16 CAGCAGCAGCAGCCTC 1

DB 16 CAGCAGCAGCAGCCTC 1

RESULT 547
BD066002/c 16 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066002
VERSION BD066002.1 GI:22611605
KEYWORDS JP 2001511000-A/637.
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Schlingensiefen, K.H. and Brysch, W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 637 07-AUG-2001;
BIOLOGISTIK GESBILSCHAF FÜR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/637
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEFEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FT source 1.16
Location/Qualifiers
/organism='Unknown'.
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/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 5 c 4 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GCTGCAGGAGCAA 1591
|||||
16 GCTGAGGAGGACAA 3

DB 16 GCTGAGGAGGACAA 3

RESULT 548
BD104144 16 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION Kit and method for determining HLA type.
ACCESSION BD104144
VERSION BD104144.1 GI:22649718
KEYWORDS WO 0192572-A/248.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
TITLE Kit and method for determining HLA type
JOURNAL Patent: WO 0192572-A 248 06-DEC-2001;
NISHINOBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAKAO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
OS Artificial Sequence
PN WO 0192572-A/248

PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDETOSHI INOKO, TAKAO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
MATSUMURA,
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH Key
FT source 1.16
Location/Qualifiers
/organism='Artificial Sequence'.
1.16
Location/Qualifiers
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

BASE COUNT 6 a 4 c 5 g 1 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1155 CCTAACCGAGAGG 1168
|||||
1 CCATPACGAGAGG 14

DB 1 CCATPACGAGAGG 14

RESULT 549
B33197 16 bp DNA linear PAT 18-JUN-2001
LOCUS
DEFINITION Reagent for detecting gene polymorphism of apolipoprotein B gene
and alpha-1antitrypsin gene and detection method.
ACCESSION B33197
VERSION B33197.1 GI:13022360
KEYWORDS JP 2000050898-A/9.
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Norinobu, K. and Toshiaki, B.
TITLE Reagent for detecting gene polymorphism of apolipoprotein B gene
and alpha-1antitrypsin gene and detection method
JOURNAL Patent: JP 2000050898-A 9 22-FEB-2000;
NISSHO CORP
OS Unidentified
PN JP 2000050898-A/9
PD 22-FEB-2000
PF 06-AUG-1998 JP 1998235033
PR NORINOBU KUSABA, TOSHIKAKI BABA
PC C12Q1/68, A61B5/00, C12N15/09, G01N33/566, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source 1.16
Location/Qualifiers
/organism='Unidentified'.
1.16
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 0 a 5 c 6 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1411 CTCCTGCGCTGGG 1424
|||||
2 CTCCTGCGCTGGG 15

DB 2 CTCCTGCGCTGGG 15

RESULT 550

134993/c
 LOCUS 134993 16 bp DNA 11linear PAT 13-MAY-1997
 DEFINITION Sequence 79 from patent US 5599704.
 ACCESSION 134993
 VERSION 134993.1 GI:2087961
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 1 (bases 1 to 16)
 AUTHORS Thompson,J.D. and Draper,K.G.
 TITLE ErbB2/neu targeted ribozymes
 JOURNAL Patent: US 5599704-A 79 04-FEB-1997;
 FEATURES Location/Qualifiers
 source 1..16
 /organism="unknown"

BASE COUNT 3 a 2 c 7 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 3.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1554 GACATCAGCTCCCA 1567
 Db 15 GTCATCAGCTCCCA 2

RESULT 551
 AX688733 17 bp DNA 11linear PAT 31-MAR-2003
 LOCUS AX688733/c
 DEFINITION Sequence 1465 from Patent EP1281758.
 ACCESSION AX688733
 VERSION AX688733.1 GI:29411437
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 1 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and
 mdx12
 JOURNAL Patent: BP 1281758-A 1465 05-FEB-2003;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1064 GCACCTGAGGTTTC 1077
 Db 15 GCACCTGAGGTTTC 2

RESULT 552
 AX688734 17 bp DNA 11linear PAT 31-MAR-2003
 LOCUS AX688734/c
 DEFINITION Sequence 1466 from Patent EP1281758.
 ACCESSION AX688734
 VERSION AX688734.1 GI:29411438
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 1 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.

TITLE Four human zinc-finger-containing proteins : mdx3, mdx4, mdx7 and
 mdx12
 JOURNAL Patent: BP 1281758-A 1466 05-FEB-2003;
 ACCESSION Aecmca, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 7 c 5 g 2 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1064 GCACCTGAGGTTTC 1077
 Db 14 GCACCTGAGGTTTC 1

RESULT 553
 A25093 17 bp DNA 11linear PAT 27-FEB-1995
 LOCUS A25093/c
 DEFINITION Synthetic Streptomyces nodosus sequencing primer P903.
 ACCESSION A25093
 VERSION A25093.1 GI:833545
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 17)
 AUTHORS
 TITLE SECONDARY-METABOLITE BIOSYNTHESIS GENES FROM ACTINOMYCETES, METHOD
 OF ISOLATING THEM, AND THEIR USE
 JOURNAL Patent: NO 9306219-A 14 01-APR-1993;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCGTGACATC 1191
 Db 4 TGTTCGTGACATC 17

RESULT 554
 A25094 17 bp DNA 11linear PAT 27-FEB-1995
 LOCUS A25094/c
 DEFINITION Synthetic Streptomyces nodosus sequencing primer Prev919.
 ACCESSION A25094
 VERSION A25094.1 GI:833546
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 17)
 AUTHORS
 TITLE SECONDARY-METABOLITE BIOSYNTHESIS GENES FROM ACTINOMYCETES, METHOD
 OF ISOLATING THEM, AND THEIR USE
 JOURNAL Patent: NO 9306219-A 15 01-APR-1993;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 6 a 5 c 3 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1178 TGTTCCTGACATC 1191
Db 14 TGTTCCTGACATC 1

RESULT 555
LOCUS AR039547 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 395 from patent US 5807743.
ACCESSION AR039547
VERSION AR039547.1 GI:5958910
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 395 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 2 a 6 c 2 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 TTGGCATTCCACCAC 563
Db 2 TTGGCATTCCACCAC 15

RESULT 556
LOCUS AR039549 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 397 from patent US 5807743.
ACCESSION AR039549
VERSION AR039549.1 GI:5958912
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 397 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 2 a 6 c 3 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 TTGGCATTCCACCAC 563
Db 1 TTGGCATTCCACCAC 14

RESULT 557
LOCUS AR039629 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 477 from patent US 5807743.
ACCESSION AR039629
VERSION AR039629.1 GI:5958992
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 477 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 2 a 9 c 0 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1003 TCCATCTACCCACC 1016
Db 4 TCCATCTACCCACC 17

RESULT 558
LOCUS AR039765 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 613 from patent US 5807743.
ACCESSION AR039765
VERSION AR039765.1 GI:5959128
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 613 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 3 a 8 c 2 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 886 GAGTTCTACAGCCC 899
Db 4 GAGTTCTACAGCCC 17

RESULT 559
LOCUS AR039767 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 615 from patent US 5807743.
ACCESSION AR039767
VERSION AR039767.1 GI:5959130
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 615 15-SEP-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"

BASE COUNT 3 a 7 c 2 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 886 GAGTTCTACAGCCC 899
Db 4 GAGTTCTACAGCCC 17

RESULT 565
LOCUS AR188515/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4003 from patent US 6346398.
ACCESSION AR188515
VERSION AR188515.1 GI:20234480
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Pavo, P., McSwigen, J., Stinchcomb, D. and Becobedo, J.
METHOD and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4003 12-FEB-2002;
FEATURES
LOCATION/Qualifiers
1..17
BASE COUNT 3 a 5 c 4 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 235 TGAAGAGATCCC 248
Db 17 TGAAGAGATCAC 4
RESULT 566
LOCUS AR286414/c 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 786 from patent US 6528640.
ACCESSION AR286414
VERSION AR286414.1 GI:29724010
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Beigelman, L., Burgin, A., Beaudry, A., Karpelesky, A.,
Matulic-Adamcic, V., Sweedler, D. and Zinnen, S.
JOURNAL Synthetic ribonucleic acids with RNase activity
PATENT: US 6528640-A 786 04-MAR-2003;
FEATURES
LOCATION/Qualifiers
1..17
BASE COUNT 3 a 2 c 8 g 4 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1554 GACATCACTCCCA 1567
Db 17 GTCATCACTCCCA 4
RESULT 567
LOCUS AX024898 17 bp DNA linear PAT 15-SEP-2000
DEFINITION Sequence 15 from Patent WO0028025.
ACCESSION AX024898
VERSION AX024898.1 GI:10184836
KEYWORDS
SOURCE
ORGANISM Pholas dactylus
Pholas dactylus
Bukaryota; Metazoa; Mollusca; Bivalvia; Heteroconchia; Veneroidea;
Pholadidae; Pholadidae; Pholas.
REFERENCE
AUTHORS 1 Campbell, A.K.
TITLE Pholasin
JOURNAL Patent: WO 0028025-A 15 18-MAY-2000;

UNIV WALBS MEDICINE (GB) ; CAMPBELL ANTHONY KEITH (GB)
FEATURES
SOURCE
LOCATION/Qualifiers
1..17
/organism="Pholas dactylus"
/mol_type="genomic DNA"
/db_xref="taxon:52916"
BASE COUNT 2 a 3 c 7 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 712 GACTCGGCTCTT 725
Db 2 GACTCGGCTCTT 15
RESULT 568
LOCUS AX137487 17 bp DNA linear PAT 30-MAY-2001
DEFINITION Sequence 62 from Patent EP1098003.
ACCESSION AX137487
VERSION AX137487.1 GI:14273681
KEYWORDS
SOURCE
ORGANISM synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS 1
TITLE Kasai, H., Hareyama, S. and Ezaki, T.
JOURNAL Identification method and specific detection method of slow growing
mycobacteria utilizing dna gyrase gene
PATENT: EP 1098003-A 62 09-MAY-2001;
MARINE BIOTECHNOLOGY INSTITUTE CO., LTD. (JP)
FEATURES
LOCATION/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic DNA"
BASE COUNT 5 a 4 c 5 g 2 t 1 others
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 460 AGCGATCACTGCTCA 475
Db 1 AGCGATCACTGCTCA 16
RESULT 569
LOCUS AX214599 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 41 from Patent WO0159103.
ACCESSION AX214599
VERSION AX214599.1 GI:15524642
KEYWORDS
SOURCE
ORGANISM synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS 1
TITLE Blatt, L., McSwigen, J. and Chowrira, B.M.
JOURNAL Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
PATENT: WO 0159103-A 41 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwigen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
LOCATION/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

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BASE COUNT      2 a      9 c      3 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1334 TCGAGCGGCGAGACT 1347
Db      17 TCGAGCGCGAGACT 4

RESULT 570
LOCUS      AX214618      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 60 from Patent WO0159103.
ACCESSION      AX214618
VERSION      AX214618.1 GI:15524661
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
              nogo gene expression
JOURNAL      Patent: WO 0159103-A 60 16-AUG-2001;
              RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
              McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
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    /mol_type="mRNA"
    /db_xref="taxon:32630"
    /note="Nucleic Acid"

BASE COUNT      2 a      5 c      5 g      5 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1231 CTGCAGCTGAGCCT 1244
Db      3 CTGCATCTGAGCCT 16

RESULT 571
LOCUS      AX215979/c      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 1421 from Patent WO0159103.
ACCESSION      AX215979
VERSION      AX215979.1 GI:15526022
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
              nogo gene expression
JOURNAL      Patent: WO 0159103-A 1421 16-AUG-2001;
              RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
              McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
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    /organism="synthetic construct"
    /mol_type="mRNA"
    /db_xref="taxon:32630"
    /note="Nucleic Acid"

BASE COUNT      1 a      6 c      5 g      5 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      1319 CAGAGCGCGGCGC 1332
Db      14 CAGAGCGCGGCGC 1

RESULT 572
LOCUS      AX216142/c      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 1584 from Patent WO0159103.
ACCESSION      AX216142
VERSION      AX216142.1 GI:15526185
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
              nogo gene expression
JOURNAL      Patent: WO 0159103-A 1584 16-AUG-2001;
              RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
              McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
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    /organism="synthetic construct"
    /mol_type="mRNA"
    /db_xref="taxon:32630"
    /note="Nucleic Acid"

BASE COUNT      3 a      8 c      3 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1334 TCGAGCGGCGAGACT 1347
Db      16 TCGAGCGCGAGACT 3

RESULT 573
LOCUS      AX218180      17 bp      mRNA      linear      PAT 07-SEP-2001
DEFINITION      Sequence 3622 from Patent WO0159103.
ACCESSION      AX218180
VERSION      AX218180.1 GI:15528241
KEYWORDS
SOURCE      .
ORGANISM      synthetic construct
              synthetic construct
              artificial sequences.
REFERENCE      1
AUTHORS      Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE      Method and reagent for the modulation and diagnosis of cd20 and
              nogo gene expression
JOURNAL      Patent: WO 0159103-A 3622 16-AUG-2001;
              RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
              McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
  source
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    /organism="synthetic construct"
    /mol_type="mRNA"
    /db_xref="taxon:32630"
    /note="Nucleic Acid"

BASE COUNT      6 a      4 c      4 g      3 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1467 CCAAGAGAAATGCT 1480
Db      2 CCAAGAGCAATGCT 15

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RESULT 574
LOCUS AX218315 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 3757 from Patent WO0159103.
ACCESSION AX218315
VERSION AX218315 GI:15528376
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Blatt, L., McSwiggen, J., and Chowitra, B.M.
   Method and reagent for the modulation and diagnosis of cd20 and
   nogo gene expression
   Patent: WO 0159103-A 3757 16-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
   Chowitra, Bharat M. (US)
JOURNAL
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT      5 a      4 c      4 g      4 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1467 CCAGAGAAATGCT 1480
Db      3 CCAGAGACATGCT 16

RESULT 575
LOCUS AX226887 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 259 from Patent WO0157206.
ACCESSION AX226887
VERSION AX226887.1 GI:15556028
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 259 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT      1 a      6 c      4 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      14 GCAGGAGCCAAAC 1

RESULT 576
LOCUS AX227244 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 616 from Patent WO0157206.
ACCESSION AX227244
VERSION AX227244.1 GI:15556385

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KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 616 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT      1 a      5 c      5 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      15 GCAGGAGCCAAAC 2

RESULT 577
LOCUS AX227504 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 876 from Patent WO0157206.
ACCESSION AX227504
VERSION AX227504.1 GI:15556645
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 876 09-AUG-2001;
   RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
JOURNAL
FEATURES
source
1.17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT      2 a      4 c      5 g      6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1581 GCAGGAGCAAAAC 1594
Db      17 GCAGGAGCCAAAC 4

RESULT 578
LOCUS AX227619 17 bp mRNA linear PAT 10-SEP-2001
DEFINITION Sequence 991 from Patent WO0157206.
ACCESSION AX227619
VERSION AX227619.1 GI:15556760
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1. Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
   Method and reagent for the inhibition of checkpoint kinase-1 (chk
   1) enzyme
   Patent: WO 0157206-A 991 09-AUG-2001;

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FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="RNA"
/db_xref="taxon:32630"

BASE COUNT
2 a 4 c 5 g 6 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 795 GGTTGACTTCTGCGC 808
Db 4 GGTTGACTTCTGCGC 17

RESULT 579
AX272673 17 bp mRNA linear PAT 29-OCT-2001
LOCUS AX272673
DEFINITION Sequence 242 from Patent WO0162911.
ACCESSION AX272673
VERSION AX272673.1 GI:16545410
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., Hamblin,P.A. and Ellis,J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 242 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
5 a 2 c 8 g 2 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 CTTCGTGGCTCCCA 982
Db 14 CTTCGTGGCTCCCA 1

RESULT 580
AX298318 17 bp DNA linear PAT 26-NOV-2001
LOCUS AX298318
DEFINITION Sequence 28 from Patent WO0183812.
ACCESSION AX298318
VERSION AX298318.1 GI:17128335
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Piperno,A., Gasparini,P., Camaschella,C., de Villiers,N., Oberkanins,C. and Kury,F.
TITLE Method and probes for the genetic diagnosis of hemochromatosis
JOURNAL Patent: WO 0183812-A 28 08-NOV-2001;
Viennalab Labor Diagnostika GmbH (AT)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 2 c 9 g 2 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 TCCACCTCTGTGAC 774
Db 16 TCCACCTCTGTGAC 3

RESULT 581
AX422687 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX422687
DEFINITION Sequence 1023 from Patent WO0188124.
ACCESSION AX422687
VERSION AX422687.1 GI:21526069
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1023 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
6 a 3 c 3 g 5 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1273 CAAACTGGGAGAGT 1286
Db 4 CAAACTGGGAGAGT 17

RESULT 582
AX422955 17 bp mRNA linear PAT 18-JUN-2002
LOCUS AX422955
DEFINITION Sequence 1291 from Patent WO0188124.
ACCESSION AX422955
VERSION AX422955.1 GI:21526337
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1291 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

FEATURES
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1273 CAAACTGGGAGAGT 1286
Db 4 CAAACTGGGAGAGT 17

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Db          3  CAAACTGGAAGAT 16

RESULT 583
LOCUS      AX422956              17 bp      mRNA      linear      PAT 18-JUN-2002
DEFINITION Sequence 1292 from Patent WO0188124.
ACCESSION  AX422956
VERSION     AX422956.1  GI:21526338
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Javiera T., von Carlwitz, I., Meswigen, J.A., McLaughlin, F.G. and
TITLES      Randi, A.M.
JOURNALS    Method and reagent for the inhibition of erg
PATENT: WO 0188124-A 1292 22-NOV-2001;
RIBOZYME    PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1273  CAAACTGGAAGAT 1286
Db          1  CAAACTGGAAGAT 14

RESULT 584
LOCUS      AX475120              17 bp      DNA      linear      PAT 12-AUG-2002
DEFINITION Sequence 341 from Patent WO0224750.
ACCESSION  AX475120
VERSION     AX475120.1  GI:22214405
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES      Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNALS    Human kidney tumor overexpressed membrane protein 1
PATENT: WO 0224750-A 341 28-MAR-2002;
Aecomica, Inc. (US)
FEATURES
SOURCE      location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      2 a          5 c          2 g          8 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1227  GAAACTGAGCTGA 1240
Db          17  GAAACTGAGCTGA 4

RESULT 585
LOCUS      AX475121              17 bp      DNA      linear      PAT 12-AUG-2002
DEFINITION Sequence 342 from Patent WO0224750.
ACCESSION  AX475121
VERSION     AX475121.1  GI:22214497
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES      Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNALS    Human kidney tumor overexpressed membrane protein 1
PATENT: WO 0224750-A 342 28-MAR-2002;
Aecomica, Inc. (US)
FEATURES
SOURCE      location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      2 a          5 c          2 g          8 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          661  ATGTTCCTTCTTCA 674
Db          4  ATTTCCCTTCTTCA 17

RESULT 587
LOCUS      AX475212              17 bp      DNA      linear      PAT 12-AUG-2002
DEFINITION Sequence 433 from Patent WO0224750.
ACCESSION  AX475212
VERSION     AX475212.1  GI:22214497
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES      Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNALS    Human kidney tumor overexpressed membrane protein 1
PATENT: WO 0224750-A 432 28-MAR-2002;
Aecomica, Inc. (US)
FEATURES
SOURCE      location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      5 a          5 c          1 g          6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          1227  GAACTGAGCTGA 1240
Db          16  GAACTGAGCTGA 3

RESULT 586
LOCUS      AX475211              17 bp      DNA      linear      PAT 12-AUG-2002
DEFINITION Sequence 432 from Patent WO0224750.
ACCESSION  AX475211
VERSION     AX475211.1  GI:22214496
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLES      Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNALS    Human kidney tumor overexpressed membrane protein 1
PATENT: WO 0224750-A 432 28-MAR-2002;
Aecomica, Inc. (US)
FEATURES
SOURCE      location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      5 a          5 c          1 g          6 t

Query Match      0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy          661  ATGTTCCTTCTTCA 674
Db          4  ATTTCCCTTCTTCA 17
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JOURNAL Patent: WO 0224750-A 433 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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BASE COUNT 5 a 5 c 1 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
3 ATTTCCTTCAA 16

RESULT 588
AX475213 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 434 from Patent WO0224750.
DEFINITION AX475213
ACCESSION AX475213.1 GI:22214498
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 434 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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/db_xref="taxon:9606"
BASE COUNT 4 a 5 c 1 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
2 ATTTCCTTCAA 15

RESULT 589
AX475214 17 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 435 from Patent WO0224750.
DEFINITION AX475214
ACCESSION AX475214
VERSION AX475214.1 GI:22214499
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 435 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 6 c 0 g 7 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 661 ATGTTCCCTTCAA 674
|||
1 ATTTCCTTCAA 14

RESULT 590
AX499159 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 466 from Patent EP1229046.
DEFINITION AX499159
ACCESSION AX499159
VERSION AX499159.1 GI:23381452
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 466 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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BASE COUNT 1 a 9 c 3 g 4 t

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 GTACCGACCTTCC 427
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4 GTCCGACCTTCC 17

RESULT 591
AX500281 17 bp DNA linear PAT 27-SEP-2002
LOCUS Sequence 1588 from Patent EP1229046.
DEFINITION AX500281
ACCESSION AX500281
VERSION AX500281.1 GI:23382574
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1588 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
SOURCE 1..17
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/db_xref="taxon:9606"
BASE COUNT 4 a 5 c 2 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 AACATCTGCTT 494
|||
2 AACATCTGCTT 15

RESULT 592
AX500282 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX500282 Sequence 1589 from Patent EP1239046.
DEFINITION AX500282
ACCESSION AX500282
VERSION AX500282.1 GI:23382575
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1589 07-AUG-2002;
Aecomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
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BASE COUNT 5 a 5 c 2 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 481 AACATCCTGCTCT 494
|||||
1 AACATCCTGCTCT 14

Db

RESULT 593
AX531289 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531289 Sequence 798 from Patent EP1239051.
DEFINITION AX531289
ACCESSION AX531289
VERSION AX531289.1 GI:25254364
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 798 11-SEP-2002;
Aecomica, Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 4 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
|||||
4 TCATCAGCAGCAG 17

Db

RESULT 594
AX531290 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531290 Sequence 799 from Patent EP1239051.
DEFINITION AX531290
ACCESSION AX531290
VERSION AX531290.1 GI:25254366
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 799 11-SEP-2002;
Aecomica, Inc. (US)
FEATURES
source location/Qualifiers
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BASE COUNT 5 a 5 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
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3 TCATCAGCAGCAG 16

Db

RESULT 595
AX531291 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531291 Sequence 800 from Patent EP1239051.
DEFINITION AX531291
ACCESSION AX531291
VERSION AX531291.1 GI:25254368
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 800 11-SEP-2002;
Aecomica, Inc. (US)
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BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 TCATCAGCAGCAG 186
|||||
2 TCATCAGCAGCAG 15

Db

RESULT 596
AX531292 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX531292 Sequence 801 from Patent EP1239051.
DEFINITION AX531292
ACCESSION AX531292
VERSION AX531292.1 GI:25254370
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-1-like protein 1
JOURNAL Patent: EP 1239051-A 801 11-SEP-2002;
Aecomica, Inc. (US)
FEATURES
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/db_xref="taxon:9606"

BASE COUNT 4 a 7 c 3 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 173 TCATCAGCAGCAG 186
| | | | | | | | | |
Db 1 TCATCAGCAGCTG 14

RESULT 597
AX532084 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532084
DEFINITION Sequence 1593 from Patent EP1239051.
ACCESSION AX532084
VERSION AX532084.1 GI:25255931
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon,M.
AUTHORS Human posh-1like protein 1
TITLE Patent: BP 1239051-A 1593 11-SEP-2002;
JOURNAL Aeonica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 4 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 CCTGAGTCTGGAA 1051
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Db 17 CCGGAGTCTGGAA 4

RESULT 598
AX532085 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532085
DEFINITION Sequence 1594 from Patent EP1239051.
ACCESSION AX532085
VERSION AX532085.1 GI:25255934
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon,M.
AUTHORS Human posh-1like protein 1
TITLE Patent: BP 1239051-A 1594 11-SEP-2002;
JOURNAL Aeonica, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 CCTGAGTCTGGAA 1051
| | | | | | | | | |
Db 16 CCGGAGTCTGGAA 3

RESULT 599
AX532086 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532086
DEFINITION Sequence 1595 from Patent EP1239051.
ACCESSION AX532086
VERSION AX532086.1 GI:25255936
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon,M.
AUTHORS Human posh-1like protein 1
TITLE Patent: BP 1239051-A 1595 11-SEP-2002;
JOURNAL Aeonica, Inc. (US)
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source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 4 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 CCTGAGTCTGGAA 1051
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Db 15 CCGGAGTCTGGAA 2

RESULT 600
AX532087 17 bp DNA linear PAT 22-NOV-2002
LOCUS AX532087
DEFINITION Sequence 1596 from Patent EP1239051.
ACCESSION AX532087
VERSION AX532087.1 GI:25255938
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon,M.
AUTHORS Human posh-1like protein 1
TITLE Patent: BP 1239051-A 1596 11-SEP-2002;
JOURNAL Aeonica, Inc. (US)
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source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 4 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 CCTGAGTCTGGAA 1051
| | | | | | | | | |
Db 14 CCGGAGTCTGGAA 1

RESULT 601
AX673440 17 bp DNA linear PAT 27-MAR-2003
LOCUS AX673440
DEFINITION Sequence 1885 from Patent WO03004526.

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ACCESSION   AX673440
VERSION     AX673440.1
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
            reversion, apoptosis and/or resistance to viruses and their use as
            medicines
JOURNAL     Patent: WO 03004526-A 1895 16-JAN-2003;
            Molecular Engines Laboratories (FR)
FEATURES
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             /mol_type="genomic DNA"
             /db_xref="taxon:9606"
BASE COUNT   3 a 4 c 4 g 6 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 ACATCAGCAGATC 762
DB 14 ACGACGACGAGATC 1

RESULT 602
LOCUS       AX674389 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2834 from Patent WO03004526.
ACCESSION   AX674389
VERSION     AX674389.1 GI:29332737
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Telerman, A., Amson, R. and Tuijthof, M.
TITLE       Sequences involved in phenomena of tumour suppression, tumour
            reversion, apoptosis and/or resistance to viruses and their use as
            medicines
JOURNAL     Patent: WO 03004526-A 2834 16-JAN-2003;
            Molecular Engines Laboratories (FR)
FEATURES
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             /organism="Homo sapiens"
             /mol_type="genomic DNA"
             /db_xref="taxon:9606"
BASE COUNT   5 a 2 c 6 g 4 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 422 CTTCCAGTTCAG 435
DB 17 CCTTCAGTTCAG 4

RESULT 603
LOCUS       AX688216 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 948 from Patent EP1281758.
ACCESSION   AX688216
VERSION     AX688216.1 GI:29410916
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens

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REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 948 05-FEB-2003;
            Aeonica, Inc. (US)
FEATURES
  source     1..17
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             /mol_type="genomic DNA"
             /db_xref="taxon:9606"
BASE COUNT   8 a 2 c 7 g 0 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1513 AAGGATTAAGAGGC 1526
DB 4 AAGGAAAAGAGGC 17

RESULT 604
LOCUS       AX688217 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 949 from Patent EP1281758.
ACCESSION   AX688217
VERSION     AX688217.1 GI:29410917
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 949 05-FEB-2003;
            Aeonica, Inc. (US)
FEATURES
  source     1..17
             /organism="Homo sapiens"
             /mol_type="genomic DNA"
             /db_xref="taxon:9606"
BASE COUNT   8 a 2 c 7 g 0 t

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1513 AAGGATTAAGAGGC 1526
DB 3 AAGGAAAAGAGGC 16

RESULT 605
LOCUS       AX688601 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1333 from Patent EP1281758.
ACCESSION   AX688601
VERSION     AX688601.1 GI:29411303
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 1333 05-FEB-2003;

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 338 GGCCCTACGCTGAC 351
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DEFINITION Sequence 1459 from Patent EP1281758.
ACCESSION AX688727
VERSION AX688727.1 GI:29411431
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Shannon, M., Gu, Y. and Nguyen, C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLES mdz12
JOURNAL Patent: EP 1281758-A 1459 05-FEB-2003;
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QY 1060 GTCAGACCTGCAG 1073
Db 4 GTCAGACCTGCAG 17

RESULT 607
LOCUS AX688735 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1467 from Patent EP1281758.
ACCESSION AX688735
VERSION AX688735.1 GI:29411439
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLES Shannon, M., Gu, Y. and Nguyen, C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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QY 1065 CACCTGCAGGTTCA 1078
Db 1 CACCTGCAGGTTCA 14

RESULT 608
LOCUS AX699140/c 17 bp DNA linear PAT 02-APR-2003
DEFINITION Sequence 81 from Patent WO0300727.
ACCESSION AX699140
VERSION AX699140.1 GI:29499789
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE Zhang, Y., Moffatt, M., Cookson, W. and Tinsley, J.
AUTHORS Atopy
TITLES Patent: WO 0300727-A 81 03-JAN-2003;
JOURNAL ISIS INNOVATION LIMITED (GB)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1092 TCTCTCCAGCTTC 1105
Db 16 TCTCTCCAGCTTC 3

RESULT 609
LOCUS AX717705/c 17 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 11 from Patent WO02097132.
ACCESSION AX717705
VERSION AX717705.1 GI:29890718
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE Lee, M.A.
AUTHORS Nucleic acid detection method
TITLES Patent: WO 02097132-A 11 05-DEC-2002;
JOURNAL The Secretary of State DSTL (GB)
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OY 1414 CTGGCGCTGGGCTG 1427
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RESULT 610

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 DEFINITION AX722657
 ACCESSION AX722657.1 GI:30423158
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 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM

REFERENCE
 AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversal, apoptosis and/or virus resistance and their use as
 medicines

JOURNAL
 PATENT: WO 03025176-A 344 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

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RESULT 611

AX722758 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 445 from Patent WO03025176.
 DEFINITION AX722758
 ACCESSION AX722758
 VERSION AX722758.1 GI:30423259
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM

REFERENCE
 AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversal, apoptosis and/or virus resistance and their use as
 medicines

JOURNAL
 PATENT: WO 03025176-A 445 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

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OY 1039 CTGAGTCTGGAAT 1052
 DB 4 CTGAGTCTGGAAT 17

RESULT 612

AX723241/c 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 928 from Patent WO03025176.
 DEFINITION AX723241
 ACCESSION AX723241
 VERSION AX723241.1 GI:30423742
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM

REFERENCE
 AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversal, apoptosis and/or virus resistance and their use as
 medicines

JOURNAL
 PATENT: WO 03025176-A 928 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

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OY 1174 TCCTGTCTCTGGA 1187
 DB 16 TCCTGTCTCTGGA 3

RESULT 613

AX724914 17 bp DNA linear PAT 08-MAY-2003
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 DEFINITION AX724914
 ACCESSION AX724914
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 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM

REFERENCE
 AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversal, apoptosis and/or virus resistance and their use as
 medicines

JOURNAL
 PATENT: WO 03025176-A 2601 27-MAR-2003;
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 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1083 CCCCTGTCTCTCT 1096
 DB 4 CCCATTGTTTCTCT 17

RESULT 614

AX728153 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 5840 from Patent WO03025176.
 DEFINITION AX728153
 ACCESSION

VERSION AX728153.1 GI:30507496
KEYWORDS Mus musculus (house mouse)
SOURCE
ORGANISM
REFERENCE
AUTHORS 1
TITLE
JOURNAL
TEleman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 03025176-A 5840 27-MAR-2003;
Molecular Engines Laboratories (FR)
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AX729598 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 1232 from Patent WO03025175.
ACCESSION AX729598
VERSION AX729598.1 GI:30508941
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
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AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
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Patent: WO 03025175-A 1232 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Qy 1244 TCTACATGAATCT 1257
Db 3 TCTACTGAATCT 16
RESULT 616
AX730000 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 1634 from Patent WO03025175.
ACCESSION AX730000
VERSION AX730000.1 GI:30509343
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 03025175-A 1634 27-MAR-2003;
Molecular Engines Laboratories (FR)
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DEFINITION Sequence 2499 from Patent WO03025175.
ACCESSION AX730865
VERSION AX730865.1 GI:30510208
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
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medicines
Patent: WO 03025175-A 2499 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Db 14 TGTGAGAGAGATC 1
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DEFINITION Sequence 3724 from Patent WO03025175.
ACCESSION AX732090
VERSION AX732090.1 GI:30511433
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as

Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025175-A 1634 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 294 CAGCGAGATCCTGA 307
Db 4 CAGCGAGACCTGA 17
RESULT 617
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DEFINITION Sequence 2499 from Patent WO03025175.
ACCESSION AX730865
VERSION AX730865.1 GI:30510208
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS 1
TITLE
JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
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Patent: WO 03025175-A 2499 27-MAR-2003;
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Db 14 TGTGAGAGAGATC 1
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ACCESSION AX732090
VERSION AX732090.1 GI:30511433
KEYWORDS
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JOURNAL
Telerman,A., Amson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as

JOURNAL medicines
Patent: WO 03025175-A 3724 27-MAR-2003;
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QY 227 TCACATGTGGAAG 240
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RESULT 619
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ACCESSION AX732254
VERSION AX732254.1 GI:30511597
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ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLES Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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JOURNAL Patent: WO 03025175-A 3888 27-MAR-2003;
Molecular Engines Laboratories (FR)
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RESULT 620
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DEFINITION Sequence 3924 from Patent WO03025175.
ACCESSION AX732290
VERSION AX732290.1 GI:30511633
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLES Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3924 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 376 ATCACCCTGACAA 389
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Db

RESULT 621
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ACCESSION AX733188
VERSION AX733188.1 GI:30512531
KEYWORDS
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ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLES Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 4822 27-MAR-2003;
Molecular Engines Laboratories (FR)
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QY 593 CTTGGGTGAGATC 606
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RESULT 622
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ACCESSION AX735031
VERSION AX735031.1 GI:30514308
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SOURCE
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLES Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 621 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 793 AAGTTGACTCTCG 806
DB 17 AAGTTGACTCTCG 4

RESULT 623

AX735249/c 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 839 from Patent WO03025177.
DEFINITION AX735249
ACCESSION AX735249
VERSION AX735249.1 GI:30514526
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 839 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 233 TGTGAGAGGATC 246
DB 14 TGTGAGAGGATC 1

RESULT 624
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ACCESSION AX736325
VERSION AX736325.1 GI:30515602
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1915 27-MAR-2003;
Molecular Engines Laboratories (FR)
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QY 1229 AACTGAGCTGAGC 1242

DB 14 AACTGAGCTGAGC 1

RESULT 625
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LOCUS Sequence 2003 from Patent WO03025177.
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ACCESSION AX736413
VERSION AX736413.1 GI:30515701
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 2003 27-MAR-2003;
Molecular Engines Laboratories (FR)
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QY 593 CTGTGGTGAGATC 606
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RESULT 626
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ACCESSION AX737475
VERSION AX737475.1 GI:30516763
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3065 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 ACATGAGCTGATC 762
DB 14 ACATGAGCTGATC 1

RESULT 627

AX737849
LOCUS AX737849 17 bp DNA
DEFINITION Sequence 3439 from Patent WO03025177.
ACCESSION AX737849
VERSION AX737849.1 GI:30517137
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
TITLE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL
TEJERMAN, A., AMSON, R. and TUIJNDER, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3439 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 3 c 7 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 484 ATCCGCTCTTGGG 497
DB 2 ATCCAGTCTTGGG 15
RESULT 628
LOCUS AX737940/c 17 bp DNA
DEFINITION Sequence 3530 from Patent WO03025177.
ACCESSION AX737940
VERSION AX737940.1 GI:30517228
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLE Tejeran, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3530 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
SOURCE location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 9 a 2 c 3 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 687 ATATTGCTGAGC 700
DB 14 ATATTGCTGATC 1
RESULT 629
LOCUS AX738928/c 17 bp DNA
DEFINITION Sequence 4518 from Patent WO03025177.
ACCESSION AX738928
VERSION AX738928.1 GI:30518218

KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Homo sapiens
TITLE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
JOURNAL
TEJERMAN, A., AMSON, R. and TUIJNDER, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4518 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
SOURCE location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 9 a 4 c 1 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1480 TATTATTGAGG 1493
DB 17 TATTATTGAGG 4
RESULT 630
LOCUS BD105192/c 17 bp DNA
DEFINITION Kit and method for determining HLA type.
ACCESSION BD105192
VERSION BD105192.1 GI:22650766
KEYWORDS
SOURCE WO 0192572-A/1296.
ORGANISM synthetic construct
REFERENCE
AUTHORS artificial sequences.
1 (bases 1 to 17)
TITLE Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Nishida, M.
JOURNAL Kit and method for determining HLA type
PATENT: WO 0192572-A 1296 06-DEC-2001;
NISHINOBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDEOTOSHI INOKO, TAKKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA
COMMENT
OS Artificial Sequence
PN WO 0192572-A/1296
PD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDEOTOSHI INOKO, TAKKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO NISHIDA
PI SHOGO MORIYA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53
CC Description of Artificial Sequence: capture
FH key
FT source
location/Qualifiers
1..17
/organism="Artificial Sequence".
FEATURES
SOURCE location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASE COUNT 5 a 3 c 8 g 1 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 396 CACGCTCTTCC 409
DB 14 CAGGCTCTTCC 1


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RESULT 631
LOCUS 138731
DEFINITION Sequence 14 from patent US 5614619.
ACCESSION 138731
VERSION 138731.1 GI:2084785
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Pieperberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
Grabley, S., Sichel, P., and Br au, B.
Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
Patent: US 5614619-A 14 25-MAR-1997;
JOURNAL
FEATURES
SOURCE
BASE COUNT 3 a 3 c 5 g 6 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1178 TGTTCGTGACATC 1191
Db 4 TGTTCGTGACATC 17

RESULT 632
LOCUS 138732
DEFINITION Sequence 15 from patent US 5614619.
ACCESSION 138732
VERSION 138732.1 GI:2084786
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Pieperberg, W., Stockmann, M., Taleghani, K.M., Distler, Jurgen.,
Grabley, S., Sichel, P., and Br au, B.
Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
Patent: US 5614619-A 15 25-MAR-1997;
JOURNAL
FEATURES
SOURCE
BASE COUNT 6 a 5 c 3 g 3 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1178 TGTTCGTGACATC 1191
Db 14 TGTTCGTGACATC 1

RESULT 633
LOCUS 153818
DEFINITION Sequence 1559 from patent US 5646042.
ACCESSION 153818
VERSION 153818.1 GI:2475021
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)

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AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
JOURNAL
DEFINITION C-myb targeted ribozymes
ACCESSION Patent: US 5646042-A 1559 08-JUL-1997;
VERSION Location/Qualifiers
FEATURES
SOURCE
BASE COUNT 5 a 5 c 2 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 880 TCGCTGAGTTCTA 893
Db 15 TAGCTGAGTTCTA 2

RESULT 634
LOCUS 154350
DEFINITION Sequence 2091 from patent US 5646042.
ACCESSION 154350
VERSION 154350.1 GI:2475553
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
JOURNAL
FEATURES
SOURCE
BASE COUNT 2 a 3 c 4 g 8 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 1304 CGCTGCTCTGTTT 1317
Db 2 CGCTGCTCTGTTT 15

RESULT 635
LOCUS 154822
DEFINITION Sequence 2563 from patent US 5646042.
ACCESSION 154822
VERSION 154822.1 GI:2476025
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
JOURNAL
FEATURES
SOURCE
BASE COUNT 5 a 5 c 2 g 5 t
Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 880 TCGCTGAGTTCTA 893
Db 15 TAGCTGAGTTCTA 2

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RESULT 636
181340
LOCUS 181340 17 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 14 from patent US 5710032.
ACCESSION 181340
VERSION 181340.1 GI:3209630
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS Piepersberg, W., Brau, B. and Sichel, P.
TITLE Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
JOURNAL Patent: US 5710032-A 14 20-JAN-1998;
FEATURES
location/Qualifiers
source 1..17
BASIC COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCGTGACATC 1191
Db 4 TGTTCGTGACATC 17

RESULT 637
181341
LOCUS 181341 17 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 15 from patent US 5710032.
ACCESSION 181341
VERSION 181341.1 GI:3209631
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS Piepersberg, W., Brau, B. and Sichel, P.
TITLE Secondary-metabolite biosynthesis genes from actinomycetes, method
of isolating them and their use
JOURNAL Patent: US 5710032-A 15 20-JAN-1998;
FEATURES
location/Qualifiers
source 1..17
BASIC COUNT 6 a 5 c 3 g 3 t

Query Match 0.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1178 TGTTCGTGACATC 1191
Db 14 TGTTCGTGACATC 1

RESULT 638
AX739703
LOCUS AX739703 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5293 from Patent WO03025177.
ACCESSION AX739703
VERSION AX739703.1 GI:30519000
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1
AUTHORS Telemann, A., Anson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use

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JOURNAL Patent: WO 03025177-A 5293 27-MAR-2003;
FEATURES
source Molecular Engines Laboratories (RE)
location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASIC COUNT 3 a 6 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1061 TCAGCACTGACGATC 1077
Db 17 TCAGCACTGACGATC 1

RESULT 639
A26686
LOCUS A26686 17 bp DNA linear PAT 05-APR-1995
DEFINITION Sonde L1p7.
ACCESSION A26686
VERSION A26686.1 GI:905026
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial construct
artificial sequences.
REFERENCE
1 (bases 1 to 17)
AUTHORS Benicourt, C., Blanchard, C. and Junten, J.L.
TITLE Recombinant gastric lipase from rabbit and pharmaceutical
compositions
JOURNAL Patent: EP 0542629-A 6 19-MAY-1993;
INSTITUT DE RECHERCHE JOUVEINAL
FEATURES
location/Qualifiers
source 1..17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
BASIC COUNT 4 a 6 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 210 CCCAGTAGCCTGCTT 226
Db 1 CCCAGTAGCCTTATCAT 17

RESULT 640
A67068
LOCUS A67068 17 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 235 from Patent WO9740193.
ACCESSION A67068
VERSION A67068.1 GI:4538439
KEYWORDS
SOURCE
ORGANISM unidentified
unidentified
unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS Scuyver, L., Roseau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 235 30-OCT-1997;
INNOGENETICS NV (BE)
FEATURES
location/Qualifiers
source 1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASIC COUNT 2 a 5 c 4 g 6 t

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Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 479 CCAACATCTGCTTG 495
 DB 1 CCATCATCTTGCGCTTG 17

RESULT 641

LOCUS A79449 17 bp DNA linear PAT 20-OCT-1999
 DEFINITION Sequence 23 from Patent WO9731126.
 ACCESSION A79449
 VERSION A79449.1 GI:6092457

KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Chadwick,R.B. and Johnston-Dow,L.
 TITLE METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
 JOURNAL PERKIN ELMER CORP (US)
 PATENT: WO 9731126-A 23 28-AUG-1997;
 FEATURES Location/Qualifiers

source

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1305 GCTGCTGCTTGCGAG 1321
 DB 1 GCTGCTGCTGCGAG 17

RESULT 642

LOCUS A89392 17 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1540 from Patent WO9833904.
 ACCESSION A89392
 VERSION A89392.1 GI:6737962

KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1540 06-AUG-1998;
 FEATURES Location/Qualifiers

source

BASE COUNT 3 a 0 c 9 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 700 CTCACACTCCGACTC 716
 DB 17 CTCACACTCTCTATAC 1

RESULT 643

A97833

LOCUS A97833 17 bp DNA linear PAT 26-JAN-2000
 DEFINITION Sequence 110 from Patent WO9243377.
 ACCESSION A97833
 VERSION A97833.1 GI:6781071

KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
 AUTHORS Quint,W. and Kleier,B.
 TITLE DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
 JOURNAL TYPE-SPECIFIC REVERSE HYBRIDIZATION
 PATENT: WO 9914377-A 110 25-MAR-1999;
 FEATURES Location/Qualifiers

source

BASE COUNT 5 a 1 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 AATGAACTCTGCGCA 848
 DB 1 AATGAACTTGTGCGCA 17

RESULT 644

LOCUS AR032101 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 22 from patent US 5866698.
 ACCESSION AR032101
 VERSION AR032101.1 GI:5946390

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Becker,D., Vickers,T.A. and Bruce,T.W.
 TITLE Modulation of gene expression through interference with RNA
 JOURNAL secondary structure
 PATENT: US 5866698-A 22 02-FEB-1999;
 FEATURES Location/Qualifiers

source

BASE COUNT 1 a 5 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 TGACTGCTGACCCCT 1158
 DB 1 TGCTGCGCTGTACCGT 17

RESULT 645

LOCUS AR039743 17 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 591 from patent US 5807743.
 ACCESSION AR039743
 VERSION AR039743.1 GI:5959106

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T. and McGwisgen,J.A.
 TITLE Interleukin-2 receptor gamma-chain ribozymes
 JOURNAL Patent: US 5807743-A 591 15-SEP-1998;

FEATURES
SOURCE 1. .17
Location/Qualifiers
BASE COUNT 2 a 6 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1295 TGCTCTGCGCTGCTC 1311
DB 1 TAGCTCTCAGCTGCTC 17

RESULT 646
AR039747 17 bp DNA linear PAT 29-SEP-1999

LOCUS AR039747
DEFINITION Sequence 595 from patent US 5807743.
ACCESSION AR039747
VERSION AR039747.1 GI:5959110
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 595 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. .17
/organism="unknown"

BASE COUNT 3 a 5 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 GTGGGGCTACAAGACC 625
DB 1 GTGGAGCTCCAAAGTCC 17

RESULT 647
AR040071 17 bp DNA linear PAT 29-SEP-1999

LOCUS AR040071
DEFINITION Sequence 919 from patent US 5807743.
ACCESSION AR040071
VERSION AR040071.1 GI:5959434
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 919 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. .17
/organism="unknown"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1523 AGGCCATTCAAGGCTAT 1539
DB 17 AGGCCAGTAAAGGCTAT 1

RESULT 648
AR040073 17 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 921 from patent US 5807743.
ACCESSION AR040073
VERSION AR040073.1 GI:5959436
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 921 15-SEP-1998;
FEATURES Location/Qualifiers
SOURCE 1. .17
/organism="unknown"

BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 GAGGCCATTCAAGGCTTA 1538
DB 17 GAGGCCAGTAAAGGCTTA 1

RESULT 649
AR046600 17 bp DNA linear PAT 29-SEP-1999

LOCUS AR046600
DEFINITION Sequence 1393 from patent US 5817796.
ACCESSION AR046600
VERSION AR046600.1 GI:5968065
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1393 06-OCT-1998;
FEATURES Location/Qualifiers
SOURCE 1. .17
/organism="unknown"

BASE COUNT 2 a 8 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 652 TTTCAGGCGANGTCCC 668
DB 1 TTTCAGTCAAGCTTCCC 17

RESULT 650
AR046624 17 bp DNA linear PAT 29-SEP-1999

LOCUS AR046624
DEFINITION Sequence 1417 from patent US 5817796.
ACCESSION AR046624
VERSION AR046624.1 GI:5968089
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1417 06-OCT-1998;
FEATURES Location/Qualifiers
SOURCE 1. .17
/organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 GGCTGAGGAGCTTGC 801
Db 17 GGCTGAGGAGCTTGC 1

RESULT 651
AR046790 17 bp DNA 11linear PAT 29-SBP-1999
LOCUS AR046790 Sequence 1583 from patent US 5817796.
DEFINITION AR046790
ACCESSION AR046790.1 GI:5968255
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .17
/organism="unknown"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAGCTCA 541
Db 1 CATGACCTGAGCTCA 17

RESULT 652
AR046894/c 17 bp DNA 11linear PAT 29-SBP-1999
LOCUS AR046894 Sequence 1687 from patent US 5817796.
DEFINITION AR046894
ACCESSION AR046894
VERSION AR046894.1 GI:5968359
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .17
/organism="unknown"

BASE COUNT 6 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CCTGCTTGGGCGG 502
Db 17 CCTGCTTGGGCGG 1

RESULT 653
AR047186 17 bp DNA 11linear PAT 29-SBP-1999
LOCUS AR047186 Sequence 1979 from patent US 5817796.
DEFINITION AR047186
ACCESSION AR047186.1 GI:5968651
VERSION
KEYWORDS
SOURCE
ORGANISM

Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .17
/organism="unknown"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGTCATGTGGGCTA 617
Db 1 GAGTCATGTGGGCTA 17

RESULT 654
AR054126/c 17 bp DNA 11linear PAT 29-SBP-1999
LOCUS AR054126 Sequence 17 from patent US 5834589.
DEFINITION AR054126
ACCESSION AR054126.1 GI:5978988
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .17
/organism="unknown"

BASE COUNT 4 a 3 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 TTGAGGCACTCCGACC 963
Db 17 TTGAGGCACTCCGACC 1

RESULT 655
AR057795 17 bp DNA 11linear PAT 29-SBP-1999
LOCUS AR057795 Sequence 1999 from patent US 5837542.
DEFINITION AR057795
ACCESSION AR057795
VERSION AR057795.1 GI:5983372
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .17
/organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGCTCCCTGGC 1418

Db 1 CAGTACTTCCCCAGGC 17

RESULT 656

LOCUS AR089198 17 bp DNA linear PAT 07-SEP-2000

DEFINITION Sequence 14 from patent US 5994056.

ACCESSION AR089198

VERSION AR089198.1 GI:10015955

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Higuchi,R.G.

TITLE Homogeneous methods for nucleic acid amplification and detection

JOURNAL Patent: US 5994056-A 14 30-NOV-1999;

FEATURES

source 1..17

BASE COUNT 1 a 5 c 4 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCTGTCATCTGCC 1456

Db 1 GGTCCTGTCATCTGTC 17

RESULT 657

LOCUS AR105854 17 bp DNA linear PAT 14-FEB-2001

DEFINITION Sequence 23 from patent US 6103465.

ACCESSION AR105854

VERSION AR105854.1 GI:12819919

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Johnston-Dow,L., Chadwick,R.B. and Parham,P.

TITLE Methods and reagents for typing HLA class I genes

JOURNAL Patent: US 6103465-A 23 15-AUG-2000;

FEATURES

source 1..17

BASE COUNT 1 a 4 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1305 GCTGCTCTGGTTTCAG 1321

Db 1 GCTGCTCTGGGGGCGAG 17

RESULT 658

LOCUS AR115553 17 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 1999 from patent US 6132967.

ACCESSION AR115553

VERSION AR115553.1 GI:14095875

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Grimm,S., Stinchcomb,D.T., McSwigen,J., Sullivan,S. and Draper,K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of

JOURNAL Interleukin adhesion molecule-1 (ICAM-1)

PATENT: US 6132967-A 1999 17-OCT-2000;

FEATURES

source 1..17

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1402 CAGTACGTCCTCTGCC 1418

Db 1 CAGTACTTCCCCAGGC 17

RESULT 659

LOCUS AR123653 17 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 14 from patent US 6171785.

ACCESSION AR123653

VERSION AR123653.1 GI:14109014

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Higuchi,R.G.

TITLE Methods and devices for homogeneous nucleic acid amplification and detector

JOURNAL Patent: US 6171785-A 14 09-JAN-2001;

FEATURES

source 1..17

BASE COUNT 1 a 5 c 4 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 GGTCCTGTCATCTGCC 1456

Db 1 GGTCCTGTCATCTGTC 17

RESULT 660

LOCUS AR156921 17 bp DNA linear PAT 08-AUG-2001

DEFINITION Sequence 20 from patent US 6242574.

ACCESSION AR156921

VERSION AR156921.1 GI:15125625

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Nielsen,K.,Kristian., Kroil Kristensen,A. and Brunstedt,J.

TITLE Antimicrobial proteins

JOURNAL Patent: US 6242574-A 20 05-JUN-2001;

FEATURES

source 1..17

BASE COUNT 3 a 1 c 5 g 3 t 5 others

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 64.7%; Pred. No. 4.5e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 904 GCTGCGGATCCATGAA 920

Db 1 GCNTGMYGNTGTATGAA 17

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RESULT 661
AR181448/c
LOCUS AR181448
DEFINITION Sequence 6 from patent US 6335184.
ACCESSION AR181448
VERSION AR181448.1 GI:20223662
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Reyes,A,Arevalo,,Wallace,R,Bruce, and Ugozzoli,L.A.
TITLE Linked linear amplification of nucleic acids
JOURNAL Patent: US 6335184-A 6 01-JAN-2002;
FEATURES
source
1..17
location/Qualifiers
BASE COUNT 6 a 2 c 7 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1001 GGTCCATCTACCAACC 1017
Db 17 GGTCTATTTCACACC 1

RESULT 662
AR186319
LOCUS AR186319
DEFINITION Sequence 1807 from patent US 6346398.
ACCESSION AR186319
VERSION AR186319.1 GI:20232284
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1807 12-FEB-2002;
FEATURES
source
1..17
location/Qualifiers
BASE COUNT 4 a 4 c 4 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 659 GCATGTTCCCTCAAG 675
Db 1 GAATGTTCCCTCAAG 17

RESULT 663
AR186927/c
LOCUS AR186927
DEFINITION Sequence 2415 from patent US 6346398.
ACCESSION AR186927
VERSION AR186927.1 GI:20232892
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2415 12-FEB-2002;
FEATURES
location/Qualifiers

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source
1..17
location/Qualifiers
BASE COUNT 1 a 4 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGTCCAC 450
Db 17 AGCGATCAAGGCCAC 1

RESULT 664
AR186952/c
LOCUS AR186952
DEFINITION Sequence 2440 from patent US 6346398.
ACCESSION AR186952
VERSION AR186952.1 GI:20232917
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2440 12-FEB-2002;
FEATURES
source
1..17
location/Qualifiers
BASE COUNT 1 a 4 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 434 AGCCCTCAAGTCCAC 450
Db 17 AGCGATCAAGGCCAC 1

RESULT 665
AR187136/c
LOCUS AR187136
DEFINITION Sequence 2624 from patent US 6346398.
ACCESSION AR187136
VERSION AR187136.1 GI:20233101
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.,McSwigen,J.,Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2624 12-FEB-2002;
FEATURES
source
1..17
location/Qualifiers
BASE COUNT 5 a 2 c 3 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 TCATCAACAAGTACTTT 654
Db 17 TAATGAACAAGCACTTT 1

RESULT 666
AR187395/c

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LOCUS AR187395 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2883 from patent US 6346398.
ACCESSION AR187395
VERSION AR187395.1 GI:20233360
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2883 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 2 a 6 c 2 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1504 AAGGCTCAAGCATTA 1520
Db 17 ACGGCTCAAGAGAA 1
RESULT 667
LOCUS AR190100 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5588 from patent US 6346398.
ACCESSION AR190100
VERSION AR190100.1 GI:20236065
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5588 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 3 a 5 c 2 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 229 AACATGTGAAGAGAT 245
Db 17 ATCAATGAAGAGAT 1
RESULT 668
LOCUS AR192209 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7697 from patent US 6346398.
ACCESSION AR192209
VERSION AR192209.1 GI:20238174
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7697 12-FEB-2002;
FEATURES
source Location/Qualifiers
1. .17

BASE COUNT 7 a 5 c 1 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1444 CCTGATCTGCCAAT 1460
Db 1 CCTGAATCTACCAAT 17
RESULT 669
LOCUS AR192292 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7780 from patent US 6346398.
ACCESSION AR192292
VERSION AR192292.1 GI:20238257
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7780 12-FEB-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 1 a 9 c 2 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 739 GGGGTCCAGACATCAG 755
Db 17 GGGGTGAAGACGCG 1
RESULT 670
LOCUS AR192445 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7933 from patent US 6346398.
ACCESSION AR192445
VERSION AR192445.1 GI:20238410
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7933 12-FEB-2002;
FEATURES
source Location/Qualifiers
1. .17
BASE COUNT 4 a 3 c 5 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 790 AGCAAGTTGACTCTG 806
Db 1 AGTAAGTTGCTACTG 17
RESULT 671
LOCUS AR195622 17 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 87 from patent US 6350934.
ACCESSION AR195622
VERSION AR195622.1 GI:20245059
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P.,Ann.Owens,
Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
TITLE Nucleic acid encoding delta-9 desaturase
JOURNAL Patent: US 6350934-A 87 26-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 7 a 6 c 2 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1237 CTGAGCCTTACATGAA 1253
Db 1 CTGAGCCTTACATGAA 17
RESULT 672
AR210218 AR210218 17 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 130 from patent US 6387652.
ACCESSION AR210218
VERSION AR210218.1 GI:21512392
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Haugland,R. and Vesper,S.
TITLE Method of identifying and quantifying specific fungi and bacteria
JOURNAL Patent: US 6387652-A 130 14-MAY-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 4 a 10 c 1 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1002 GTTCATCTTACCCACCA 1018
Db 1 GTTCATCTTACCCACCA 17
RESULT 673
AR254826 AR254826 17 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 110 from patent US 6482588.
ACCESSION AR254826
VERSION AR254826.1 GI:27303874
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Van Doorn,L.-J., Quint,W., Kleter,B. and Tetzschegat,J.
TITLE Detection and identification of human papillomavirus by PCR and
type-specific reverse hybridization
JOURNAL Patent: US 6482588-A 110 19-NOV-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 5 a 1 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 832 AATGGAATTTGTTGGCA 848
Db 1 AATGGAATTTGTTGGCA 17
RESULT 674
AR286022/c AR286022 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 394 from patent US 6528640.
ACCESSION AR286022
VERSION AR286022.1 GI:29723618
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Belgelman,L., Burgin,A., Beaudry,A., Karpelesky,A.,
Matulis-Adamic,J., Svedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 394 04-MAR-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 3 a 6 c 5 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1063 AGCCTTGCGAGGTGAG 1079
Db 17 AGCCTTGCGAGGTGAG 1
RESULT 675
AR286119 AR286119 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 491 from patent US 6528640.
ACCESSION AR286119
VERSION AR286119.1 GI:29723715
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Belgelman,L., Burgin,A., Beaudry,A., Karpelesky,A.,
Matulis-Adamic,J., Svedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 491 04-MAR-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
BASE COUNT 1 a 8 c 3 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 394 GACACGTTCTCTTCT 410
Db 1 GCCACGTTCTCTTCT 17
RESULT 676
AR286143 AR286143 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 515 from patent US 6528640.
ACCESSION AR286143

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VERSION      AR286143.1  GI:29723739
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Beigelman, L., Burgin, A., Beaudry, A., Karpelsky, A.,
              Matulic-Adamic, J., Sweedler, D., and Zinnen, S.
TITLE        Synthetic ribonucleic acids with RNase activity
JOURNAL      Patent: US 6528640-A 515 04-MAR-2003;
FEATURES
  source     1..17
             /organism="unknown"

BASE COUNT   3 a      6 c      4 g      4 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1265 GCATTGACAACTGGG 1281
DB 17 GCAGTTGACACTGGG 1

RESULT 677
LOCUS      AR306311
DEFINITION Sequence 22 from patent US 6548274.
ACCESSION  AR306311
VERSION     AR306311.1  GI:31696062
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Yaver, D.S. and Bellini, D.A.
TITLE        Methods for producing a polypeptide using a crippled translational
              initiator sequence
JOURNAL      Patent: US 6548274-A 22 15-APR-2003;
FEATURES
  source     1..17
             /organism="unknown"

BASE COUNT   4 a      3 c      8 g      2 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 TGGCTCCCAAACTCG 990
DB 17 TGTCTCCCGCAACCTG 1

RESULT 678
LOCUS      AX076027
DEFINITION Sequence 3 from Patent WO0104358.
ACCESSION  AX076027
VERSION     AX076027.1  GI:12710680
KEYWORDS
SOURCE      Hepatitis B virus
ORGANISM    Hepatitis B virus
REFERENCE    1
AUTHORS      Stuyver, L., Meertens, G. and van Geyt, C.
TITLE        Detection of anti-hepatitis b drug resistance
JOURNAL      Patent: WO 0104358-A 3 18-JAN-2001;
FEATURES
  source     1..17
             /organism="Hepatitis B virus"
             /mol_type="genomic DNA"
             /db_xref="taxon:10407"

BASE COUNT   1 a      11 c      1 g      1 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1462 CGGAGCCAGAGAAATG 1478
DB 17 CTGAGCTAGAGAAACG 1

RESULT 679
LOCUS      AX088231
DEFINITION Sequence 15 from Patent WO0114520.
ACCESSION  AX088231
VERSION     AX088231.1  GI:13397142
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE    1
AUTHORS      Wadskov-Hansen, S.L., Hammer, K. and Martinussen, J.
TITLE        Phage resistant lactic acid bacterial mutants
JOURNAL      Patent: WO 0114520-A 15 01-MAR-2001;
              Chr. Hansen A/S (DK)
FEATURES
  source     1..17
             /organism="synthetic construct"
             /mol_type="genomic DNA"
             /db_xref="taxon:32630"
             /note="Oligonucleotide pyrogBb used for PCR"

BASE COUNT   1 a      3 c      5 g      8 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1365 TCAGCTGTGTGATGC 1381
DB 1 TCAGTTGTGTGCTGC 17

RESULT 680
LOCUS      AX139190
DEFINITION Sequence 38 from Patent EP1076099.
ACCESSION  AX139190
VERSION     AX139190.1  GI:14274863
KEYWORDS
SOURCE      Mycobacterium tuberculosis
ORGANISM    Mycobacterium tuberculosis
REFERENCE    1
AUTHORS      Suzuki, Y., Nishida, M. and Takenishi, S.
TITLE        Kit for diagnosis of tubercle bacilli
JOURNAL      Patent: EP 1076099-A 38 14-FEB-2001;
              NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
              (JP)
FEATURES
  source     1..17
             /organism="Mycobacterium tuberculosis"
             /mol_type="genomic DNA"
             /db_xref="taxon:1773"
             /note="capture"

BASE COUNT   3 a      3 c      9 g      2 t

Query Match   0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 961 ACCTATCGCTCGTGC 977
|||||
17 ACCTATCGCTCGCGC 1

RESULT 681
LOCUS AX195423/c 17 bp DNA linear PAT 28-AUG-2001
DEFINITION Sequence 22 from Patent WO0151646.
ACCESSION AX195423
VERSION AX195423.1 GI:15385972
KEYWORDS
SOURCE Aspergillus oryzae
ORGANISM Aspergillus oryzae
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus.

REFERENCE
AUTHORS Yaver, D.S. and Bellini, D.A.
TITLE Methods for producing a polypeptide using a crippled translational
initiator sequence
JOURNAL Patent: WO 0151646-A 22 19-JUL-2001;
Novozymes Biotech, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Aspergillus oryzae"
/mol_type="genomic DNA"
/db_xref="taxon:5062"

BASE COUNT 4 a 3 c 8 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 974 TGGCTCCCAAAACCTG 990
|||||
17 TGTCTCCGCAACCTG 1

RESULT 682
LOCUS AX214636/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 78 from Patent WO0159103.
ACCESSION AX214636
VERSION AX214636.1 GI:15524679
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 78 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
Mcswigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 0 a 7 c 2 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 AGGGGAGAGAGCGGAG 324
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17 AGGAGAGAGAGCGAG 1

RESULT 683

AX214637/c 17 bp mRNA linear PAT 07-SEP-2001
LOCUS AX214637
DEFINITION Sequence 79 from Patent WO0159103.
ACCESSION AX214637
VERSION AX214637.1 GI:15524680
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 79 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
Mcswigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 0 a 6 c 2 g 9 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 AAGGGGAGAGAGCGCA 323
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17 AAGGAGAGAGAGCGCA 1

RESULT 684
LOCUS AX214909/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 351 from Patent WO0159103.
ACCESSION AX214909
VERSION AX214909.1 GI:15524952
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Blatt, L., Mcswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 351 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
Mcswigen, James (US); Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 2 a 5 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1450 ATTCGCAATCCGGAG 1466
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17 ATCAGAGAAATCCGGAG 1

RESULT 685
LOCUS AX215439/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 881 from Patent WO0159103.
ACCESSION AX215439
VERSION AX215439.1 GI:15525482

KEYWORDS		synthetic construct				
SOURCE		artificial sequences.				
ORGANISM		Blattc.L., Mcswiggen,J. and Chowrira,B.M.				
REFERENCE	1	Method and reagent for the modulation and diagnosis of cd20 and				
AUTHORS		nogo gene expression				
TITLE		Patent: WO 0159103-A 881 16-AUG-2001;				
JOURNAL		RIBOZYME PHARMACEUTICALS, INC. (US) ; Blattc, Lawrence (US) ;				
FEATURES		Mcswiggen, James (US) ; Chowrira, Bharat M. (US)				
SOURCE		location/Qualifiers				
		1..17				
BASE COUNT	2	a	2	g	4	c
Query Match		0.9%; Score 12.2; DB 1;				Length 17;
Best Local Similarity	82.4%; Pred. No. 4.5e+02;					
Matches	14; conservative	0; mismatches	3;	indels	0;	Gaps 0
OY	300 GATCTGAAAGGGCGAGA	316				
Db	17 GAGCTTGAGAGGCGAGA	1				
RESULT 686						
LOCUS	AX215499/c	17 bp mRNA				linear PAT 07-SEP-2001
DEFINITION	Sequence 941 from Patent W00159103.					
ACCESSION	AX215499					
VERSION	AX215499.1 GI:15525542					
KEYWORDS		synthetic construct				
SOURCE		artificial sequences.				
ORGANISM		Blattc,L., Mcswiggen,J. and Chowrira,B.M.				
REFERENCE	1	Method and reagent for the modulation and diagnosis of cd20 and				
AUTHORS		nogo gene expression				
TITLE		Patent: WO 0159103-A 941 16-AUG-2001;				
JOURNAL		RIBOZYME PHARMACEUTICALS, INC. (US) ; Blattc, Lawrence (US) ;				
FEATURES		Mcswiggen, James (US) ; Chowrira, Bharat M. (US)				
SOURCE		location/Qualifiers				
		1..17				
BASE COUNT	3	a	8	g	0	c
Query Match		0.9%; Score 12.2; DB 1;				Length 17;
Best Local Similarity	82.4%; Pred. No. 4.5e+02;					
Matches	14; conservative	0; mismatches	3;	indels	0;	Gaps 0,
OY	487 CTGCTTGGGTGCAGC	503				
Db	17 CTGGCGTTGGCGCGGC	1				
RESULT 687						
LOCUS	AX215500/c	17 bp mRNA				linear PAT 07-SEP-2001
DEFINITION	Sequence 942 from Patent W00159103.					
ACCESSION	AX215500					
VERSION	AX215500.1 GI:15525543					
KEYWORDS		synthetic construct				
SOURCE		artificial sequences.				
ORGANISM		Blattc,L., Mcswiggen,J. and Chowrira,B.M.				
REFERENCE	1	Method and reagent for the modulation and diagnosis of cd20 and				
AUTHORS		nogo gene expression				
TITLE		Patent: WO 0159103-A 941 16-AUG-2001;				
JOURNAL		RIBOZYME PHARMACEUTICALS, INC. (US) ; Blattc, Lawrence (US) ;				
FEATURES		Mcswiggen, James (US) ; Chowrira, Bharat M. (US)				
SOURCE		location/Qualifiers				
		1..17				
BASE COUNT	3	a	8	g	0	c
Query Match		0.9%; Score 12.2; DB 1;				Length 17;
Best Local Similarity	82.4%; Pred. No. 4.5e+02;					
Matches	14; conservative	0; mismatches	3;	indels	0;	Gaps 0,
OY	487 CTGCTTGGGTGCAGC	503				
Db	17 CTGGCGTTGGCGCGGC	1				

FEATURES	source	1. .17	/organism="synthetic construct"	/mol_type="mRNA"	/db_xref="taxon:32630"	/note="Nucleic Acid"
AUTHORS	Blatt, L., McSwigen, J. and Chowitra, B.M.					
TITLE	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression					
JOURNAL	Patent: WO 0159103-A 942 16-AUG-2001; RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ; McSwigen, James (US) ; Chowitra, Bharat M. (US)					
BASE COUNT	3 a 8 c 6 g 0 t					
QY	486 CCTGCTCTTGGGCTCGG 502					
Db	17 CCTGGCTTGGGCGCGG 1					
RESULT 688						
AX215542/c						
LOCUS	AX215542	17 bp	mRNA	linear	PAT 07-SEP-2001	
DEFINITION	Sequence 984 from Patent WO0159103.					
ACCESSION	AX215542					
VERSION	AX215542.1 GI:15525585					
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
REFERENCE	artificial sequences.					
AUTHORS	1					
TITLE	Blatt, L., Mcswigen, J. and Chowitra, B.M.					
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression					
Patent:	WO 0159103-A 984 16-AUG-2001;					
RIBOZYME PHARMACEUTICALS, INC. (US) ;	Blatt, Lawrence (US) ;					
Mcswigen, James (US) ;	Chowitra, Bharat M. (US)					
location/Qualifiers						
1. .17						
/organism="synthetic construct"						
/mol_type="mRNA"						
/db_xref="taxon:32630"						
/note="Nucleic Acid"						
BASE COUNT	0 a 7 c 2 g 8 t					
Query Match	0.9%; Score 12.2; DB 1; Length 17;					
Best Local Similarity	82.4%; Pred. No. 4.5e+02;					
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;						
QY	306 GAAGGAGGAGAGCGCG 322					
Db	17 GAAGGAGGAGAGCGCG 1					
RESULT 689						
AX215678/c						
LOCUS	AX215678	17 bp	mRNA	linear	PAT 07-SEP-2001	
DEFINITION	Sequence 1120 from Patent WO0159103.					
ACCESSION	AX215678					
VERSION	AX215678.1 GI:15525721					
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
REFERENCE	artificial sequences.					
AUTHORS	1					
TITLE	Blatt, L., Mcswigen, J. and Chowitra, B.M.					
JOURNAL	Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression					
Patent:	WO 0159103-A 1120 16-AUG-2001;					
RIBOZYME PHARMACEUTICALS, INC. (US) ;	Blatt, Lawrence (US) ;					

FEATURES
SOURCE
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
5 a 4 c 5 g 3 t

Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
605 TCATGTGGGCTACAG 621
|||||
17 TCCTGTGCTGCTACAG 1

RESULT 690
AX215692 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1134 from Patent WO0159103.
ACCESSION AX215692
VERSION AX215692.1 GI:15525735
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
4 a 6 c 4 g 3 t

Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
1040 TGGAGTCGGAATTGAG 1056
|||||
17 TGGAGTCGAGCCTTGAG 1

RESULT 691
AX215693 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1135 from Patent WO0159103.
ACCESSION AX215693
VERSION AX215693.1 GI:15525736
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1135 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"

BASE COUNT
0.9%; Score 12.2; DB 1; Length 17;
Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT
4 a 5 c 5 g 3 t

Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
1039 CTGAGTCGGAATTCA 1055
|||||
17 CTGAGTCAGGCCTTCA 1

RESULT 692
AX215895 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1337 from Patent WO0159103.
ACCESSION AX215895
VERSION AX215895.1 GI:15525938
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1337 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
5 a 6 c 3 g 3 t

Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
515 AGAATPAGCCCATGACC 531
|||||
1 AGAATPAGCCCATGACC 17

RESULT 693
AX216107 17 bp mRNA linear PAT 07-SEP-2001
LOCUS
DEFINITION Sequence 1549 from Patent WO0159103.
ACCESSION AX216107
VERSION AX216107.1 GI:15526150
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Blatt, L., Mcswigen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1549 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
MCSwigen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT
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Query Match
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1062 CAGCAGCTGACGATCA 1078
DB 1 CAGCAGCTGACGATCA 17

RESULT 694

AX216365

LOCUS AX216365 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1807 from Patent WO0159103.
ACCESSION AX216365
VERSION AX216365.1 GI:15526426
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1
Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1807 16-AUG-2001.
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 3 a 2 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGCCGAGGTGCGGAG 333
DB 1 AGCTGAGGTGCTGGAG 17

RESULT 695
LOCUS AX216478 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1920 from Patent WO0159103.
ACCESSION AX216478
VERSION AX216478.1 GI:15526539
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1
synthetic construct
synthetic construct
artificial sequences.

1
Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 1920 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 604 ATCATGCGGCTCA 620
DB 1 ATCATGCGGCTCA 620

DB 17 ATCCTGTGCTACAA 1

RESULT 696
LOCUS AX217540 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 2982 from Patent WO0159103.
ACCESSION AX217540
VERSION AX217540.1 GI:15527601
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1
Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2982 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 4 a 6 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 506 TGATGATGAGAAATAG 522
DB 17 TGTGATGAGAAATAG 1

RESULT 697
LOCUS AX217789 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 3231 from Patent WO0159103.
ACCESSION AX217789
VERSION AX217789.1 GI:15527850
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1
synthetic construct
synthetic construct
artificial sequences.

1
Blatt, L., McSwiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3231 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="mRNA"
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BASE COUNT 6 a 7 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1005 CATCAGCCAGCAGC 1021
DB 1 CATCTCCCAACCAAG 17

RESULT 698
AX217790

LOCUS AX217790 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3232 from Patent WO0159103.
ACCESSION AX217790
VERSION AX217790.1 GI:15527851
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J., and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3232 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
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/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 7 a 6 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 ATCTACCCACCAACGA 1022
Db 1 ATCTCCCAACCAAGA 17

RESULT 699
LOCUS AX217884 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3326 from Patent WO0159103.
ACCESSION AX217884
VERSION AX217884.1 GI:15527945
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J., and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3326 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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/organism="synthetic construct"
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BASE COUNT 4 a 6 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 504 GGTGATGATGAGAAAT 520
Db 1 GTTGCTGATGAGAAAA 1

RESULT 710
LOCUS AX218164 17 bp mRNA PAT 07-SEP-2001
DEFINITION Sequence 3606 from Patent WO0159103.
ACCESSION AX218164
VERSION AX218164.1 GI:15528225
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J., and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL
PATENT: WO 0159103-A 3606 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 7 a 6 c 1 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 TCTACCCACCAACGA 1023
Db 1 TCTCCCAACCAAGA 17

RESULT 701
LOCUS AX226742 17 bp mRNA PAT 10-SEP-2001
DEFINITION Sequence 114 from Patent WO0157206.
ACCESSION AX226742
VERSION AX226742.1 GI:15555883
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N., and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
JOURNAL
PATENT: WO 0157206-A 114 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"

BASE COUNT 4 a 3 c 4 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1530 TCAGGCTATTCTGAAT 1546
Db 1 TCAGAGATATTCTGACT 17

RESULT 702
LOCUS AX226888 17 bp mRNA PAT 10-SEP-2001
DEFINITION Sequence 260 from Patent WO0157206.
ACCESSION AX226888
VERSION AX226888.1 GI:15556029
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N., and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme

RESULT 707
AX262668/c
LOCUS AX262668 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 59 from Patent WO0173002.
ACCESSION AX262668
VERSION AX262668.1 GI:16511467
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
AUTHORS Targeted chromosomal genomic alterations with modified single
TITLE stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 59 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 8 c 4 g 1 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 486 CCTGCTCTGGGTCGG 502
DB 17 CCTGCTCTGGGTCGAG 1
RESULT 708
AX262669
LOCUS AX262669 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 60 from Patent WO0173002.
ACCESSION AX262669
VERSION AX262669.1 GI:16511468
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
AUTHORS Targeted chromosomal genomic alterations with modified single
TITLE stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 60 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 1 a 4 c 8 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 486 CCTGCTCTGGGTCGG 502
DB 17 CCTGCTCTGGGTCGAG 1
RESULT 709
AX262676
LOCUS AX262676 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 67 from Patent WO0173002.
ACCESSION AX262676
VERSION AX262676.1 GI:16511475
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
AUTHORS Targeted chromosomal genomic alterations with modified single
TITLE stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 67 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 11 g 0 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 321 GCAGGTCGGGAGCGCG 337
DB 1 GCAGGTCGGGAGCGAG 17
RESULT 710
AX262677/c
LOCUS AX262677 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 68 from Patent WO0173002.
ACCESSION AX262677
VERSION AX262677.1 GI:16511476
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
AUTHORS Targeted chromosomal genomic alterations with modified single
TITLE stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 68 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 0 a 11 c 2 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 321 GCAGGTCGGGAGCGCG 337
DB 17 GCAGGTCGGGAGCGAG 1
RESULT 711
AX263544
LOCUS AX263544 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 935 from Patent WO0173002.
ACCESSION AX263544
VERSION AX263544.1 GI:16512343
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kmiec, E.B., Gamper, H.B. and Rice, M.C.
AUTHORS Targeted chromosomal genomic alterations with modified single
TITLE

stranded oligonucleotides
Patent: WO 0173002-A 935 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1032 CCCGTGCTGGAGTCTG 1048
DB 1 CCTTACCTGGATCTG 17

RESULT 712
LOCUS AX263545 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 936 from Patent WO0173002.
ACCESSION AX263545
VERSION AX263545.1 GI:16512344
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1
AUTHORS Kmiec, R.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
Patent: WO 0173002-A 936 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1032 CCCGTGCTGGAGTCTG 1048
DB 1 CCTTACCTGGATCTG 17

RESULT 713
LOCUS AX263756 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 1147 from Patent WO0173002.
ACCESSION AX263756
VERSION AX263756.1 GI:16512555
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1
AUTHORS Kmiec, R.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
Patent: WO 0173002-A 1147 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"

BASE COUNT 8 a 0 c 7 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 245 TCCCTATCCCTTCAT 261
DB 1 TCTCTATCCCATCTCT 17

RESULT 714
LOCUS AX263757 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 1148 from Patent WO0173002.
ACCESSION AX263757
VERSION AX263757.1 GI:16512556
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1
AUTHORS Kmiec, R.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
Patent: WO 0173002-A 1148 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 7 c 0 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 245 TCCCTATCCCTTCAT 261
DB 1 TCTCTATCCCATCTCT 17

RESULT 715
LOCUS AX266691 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 4082 from Patent WO0173002.
ACCESSION AX266691
VERSION AX266691.1 GI:16515490
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1
AUTHORS Kmiec, R.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
Patent: WO 0173002-A 4082 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 1 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 504 GGTGATGATGAGAAATA 520
|||||
DB 1 GGTGATGCTGAGAGAGA 17

RESULT 716
LOCUS AX266692 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 4083 from Patent WO0173002.
ACCESSION AX266692
VERSION AX266692.1 GI:16515491
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Kmiec, F.B., Gamber, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL Patent: WO 0173002-A 4083 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 504 GGTGATGATGAGAAATA 520
|||||
DB 17 GGTGATGCTGAGAGAGA 1

RESULT 717
LOCUS AX272718 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 287 from Patent WO0162911.
ACCESSION AX272718
VERSION AX272718.1 GI:16545455
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 287 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 2 c 7 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 468 CATGCTCATGCCACACA 484
|||||
DB 17 CATCTCATGCTGACACA 1

RESULT 718
AX272900

LOCUS AX272900 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 469 from Patent WO0162911.
ACCESSION AX272900
VERSION AX272900.1 GI:16545637
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 469 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 972 GGTGCTCCCAAAACC 988
|||||
DB 1 GGTGGACCCATGACC 17

RESULT 719
LOCUS AX273056 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 625 from Patent WO0162911.
ACCESSION AX273056
VERSION AX273056.1 GI:16545793
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., Hamblin, P.A. and
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 625 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source location/Qualifiers
1..17
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/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1453 TGCCAAATCCGAGCCA 1469
|||||
DB 17 TGCCCAAGCCGATGCCA 1

RESULT 720
LOCUS AX273073 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 642 from Patent WO0162911.
ACCESSION AX273073
VERSION AX273073.1 GI:16545810
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1
 JARVIS,T., von Carlowitz,I., Meawigen,J.A., Hamblin,P.A. and
 Ellis,J.H.
 TITLE Method and reagent for the inhibition of grid
 JOURNAL Patent: WO 0162911-A 642 30-AUG-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES
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 1. .17
 /organism="Homo sapiens"
 /mol_type="rRNA"
 /db_xref="taxon:9606"
 BASE COUNT 3 a 4 c 8 g 2 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 GTTCTACAGCCCGAGG 904
 |||||
 1 GTTCCACAGCGGGAGG 17
 |||||
 RESULT 721
 AX324985 17 bp DNA linear PAT 02-SBP-2002
 LOCUS Sequence 1123 from Patent WO0192512.
 DEFINITION AX324985
 ACCESSION AX324985.1 GI:18095740
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Mangifera indica (mango)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids II; Sapindales; Anacardiaceae; Mangifera.
 1
 Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1123 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 /organism="Mangifera indica"
 /mol_type="genomic DNA"
 /db_xref="taxon:29780"
 BASE COUNT 4 a 3 c 6 g 4 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 531 CCTGAAGCTCATCATGA 547
 |||||
 17 CCTGACGCTCATACTGA 1
 |||||
 RESULT 722
 AX324986 17 bp DNA linear PAT 02-SBP-2002
 LOCUS Sequence 1124 from Patent WO0192512.
 DEFINITION AX324986
 ACCESSION AX324986.1 GI:18095741
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Mangifera indica (mango)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids II; Sapindales; Anacardiaceae; Mangifera.
 1
 Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
 TITLE Targeted chromosomal genomic alterations in plants using modified

single stranded oligonucleotides
 Patent: WO 0192512-A 1124 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
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 1. .17
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 /mol_type="genomic DNA"
 /db_xref="taxon:29780"
 BASE COUNT 4 a 6 c 3 g 4 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 531 CCTGAAGCTCATCATGA 547
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 1 CCTGACGCTCATACTGA 17
 |||||
 RESULT 723
 AX325173 17 bp DNA linear PAT 02-SBP-2002
 LOCUS Sequence 1311 from Patent WO0192512.
 DEFINITION AX325173
 ACCESSION AX325173
 VERSION AX325173.1 GI:18095928
 KEYWORDS
 SOURCE
 ORGANISM
 Fragaria vesca
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids I; Rosales; Rosaceae; Rosoideae; Fragaria.
 1
 Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1311 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 /organism="Fragaria vesca"
 /mol_type="genomic DNA"
 /db_xref="taxon:57918"
 BASE COUNT 7 a 6 c 2 g 2 t
 Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 378 CACCTTCAACAAACG 394
 |||||
 1 CACTGCAACAAACATCG 17
 |||||
 RESULT 724
 AX325174 17 bp DNA linear PAT 02-SBP-2002
 LOCUS Sequence 1312 from Patent WO0192512.
 DEFINITION AX325174
 ACCESSION AX325174
 VERSION AX325174.1 GI:18095929
 KEYWORDS
 SOURCE
 ORGANISM
 Fragaria vesca
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eustosids I; Rosales; Rosaceae; Rosoideae; Fragaria.
 1
 Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
 TITLE Targeted chromosomal genomic alterations in plants using modified
 JOURNAL single stranded oligonucleotides
 Patent: WO 0192512-A 1312 06-DEC-2001;
 UNIVERSITY OF DELAWARE (US)
 FEATURES
 source
 1. .17
 location/Qualifiers

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/organism="Fragaria vesca"
/mol_type="genomic DNA"
/db_xref="taxon:57918"
BASE COUNT      2 a      2 c      6 g      7 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
DB      17 CACTGCAACACACATCG 1

RESULT 725
AX325189
LOCUS      AX325189
DEFINITION Sequence 1327 from Patent WO0192512.
ACCESSION  AX325189
VERSION     AX325189.1 GI:18095944
KEYWORDS
SOURCE
ORGANISM   Glycine max (soybean)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
            Glycine.
REFERENCE   1
            Kmiec, R.B., Gamper, H.B., Rice, M.C. and Kim, J.
            Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
            Patent: WO 0192512-A 1327 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Glycine max"
            /mol_type="genomic DNA"
            /db_xref="taxon:3847"
BASE COUNT      7 a      6 c      2 g      2 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
DB      1 CACTGCAACACACATCG 17

RESULT 726
AX325190
LOCUS      AX325190/C
DEFINITION Sequence 1328 from Patent WO0192512.
ACCESSION  AX325190
VERSION     AX325190.1 GI:18095945
KEYWORDS
SOURCE
ORGANISM   Glycine max (soybean)
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
            rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
            Glycine.
REFERENCE   1
            Kmiec, R.B., Gamper, H.B., Rice, M.C. and Kim, J.
            Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
            Patent: WO 0192512-A 1328 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Glycine max"
            /mol_type="genomic DNA"
            /db_xref="taxon:3847"
BASE COUNT      1. 17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:3847"

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BASE COUNT      2 a      2 c      6 g      7 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
DB      17 CACTGCAACACACATCG 1

RESULT 727
AX325237
LOCUS      AX325237
DEFINITION Sequence 1375 from Patent WO0192512.
ACCESSION  AX325237
VERSION     AX325237.1 GI:18095993
KEYWORDS
SOURCE
ORGANISM   Zea mays
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoideae; Andropogoneae; Zea.
REFERENCE   1
            Kmiec, R.B., Gamper, H.B., Rice, M.C. and Kim, J.
            Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
            Patent: WO 0192512-A 1375 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
            source
            1..17
            /organism="Zea mays"
            /mol_type="genomic DNA"
            /db_xref="taxon:4577"
BASE COUNT      7 a      6 c      2 g      2 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      378 CACCTTCACACACACG 394
DB      1 CACTGCAACACACATCG 17

RESULT 728
AX325238
LOCUS      AX325238/C
DEFINITION Sequence 1376 from Patent WO0192512.
ACCESSION  AX325238
VERSION     AX325238.1 GI:18095994
KEYWORDS
SOURCE
ORGANISM   Zea mays
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
            clade; Panicoideae; Andropogoneae; Zea.
REFERENCE   1
            Kmiec, R.B., Gamper, H.B., Rice, M.C. and Kim, J.
            Targeted chromosomal genomic alterations in plants using modified
            single stranded oligonucleotides
            Patent: WO 0192512-A 1376 06-DEC-2001;
            UNIVERSITY OF DELAWARE (US)
FEATURES
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            /mol_type="genomic DNA"
            /db_xref="taxon:4577"
BASE COUNT      2 a      2 c      6 g      7 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 378 CACCTTCAACACG 394
DB 17 CAACTGCAACACATCG 1

RESULT 729
AX325533/c 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 1671 from Patent WO0192512.
ACCESSION AX325533
VERSION AX325533.1 GI:18096290
KEYWORDS
SOURCE
ORGANISM Solanum tuberosum (potato)

REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL Single stranded oligonucleotides
UNIVERSITY OF DELAWARE (US)
PATENT: WO 0192512-A 1671 06-DEC-2001;
Location/Qualifiers

FEATURES
SOURCE 1..17
/organism="Solanum tuberosum"
/mol_type="genomic DNA"
/db_xref="taxon:4113"

BASE COUNT 6 a 1 c 9 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 AGATCCCTATCCCTTC 258
DB 17 AGTCCCTTCCCTTC 1

RESULT 730
AX325534 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 1672 from Patent WO0192512.
ACCESSION AX325534
VERSION AX325534.1 GI:18096291
KEYWORDS
SOURCE
ORGANISM Solanum tuberosum (potato)

REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL Single stranded oligonucleotides
UNIVERSITY OF DELAWARE (US)
PATENT: WO 0192512-A 1672 06-DEC-2001;
Location/Qualifiers

FEATURES
SOURCE 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:4113"

BASE COUNT 1 a 9 c 1 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 AGATCCCTATCCCTTC 258
DB 1 AGTCCCTTCCCTTC 17

RESULT 731
AX326137 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 2275 from Patent WO0192512.
ACCESSION AX326137
VERSION AX326137.1 GI:18096899
KEYWORDS
SOURCE
ORGANISM Glycine max (soybean)

REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL Single stranded oligonucleotides
UNIVERSITY OF DELAWARE (US)
PATENT: WO 0192512-A 2275 06-DEC-2001;
Location/Qualifiers

FEATURES
SOURCE 1..17
/organism="Glycine max"
/mol_type="genomic DNA"
/db_xref="taxon:3847"

BASE COUNT 4 a 9 c 0 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 TCCCACTATCGCTTC 972
DB 1 TCCCACTTAACCTTC 17

RESULT 732
AX326138 17 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 2276 from Patent WO0192512.
ACCESSION AX326138
VERSION AX326138.1 GI:18096900
KEYWORDS
SOURCE
ORGANISM Glycine max (soybean)

REFERENCE
AUTHORS Kniec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL Single stranded oligonucleotides
UNIVERSITY OF DELAWARE (US)
PATENT: WO 0192512-A 2276 06-DEC-2001;
Location/Qualifiers

FEATURES
SOURCE 1..17
/organism="Glycine max"
/mol_type="genomic DNA"
/db_xref="taxon:3847"

BASE COUNT 4 a 0 c 9 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 956 TCCCACTATCGCTTC 972
DB 1 TCCCACTTAACCTTC 17

RESULT 733
AX402646

LOCUS AX402646 17 bp DNA linear PAT 07-JUN-2002
 DEFINITION Sequence 130 from Patent WO0196612.
 ACCESSION AX402646
 VERSION AX402646.1 GI:21387637
 KEYWORDS Penicillium corylophilum
 SOURCE Penicillium corylophilum
 ORGANISM Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
 Eurotiales; Trichocomaceae; mitosporic Trichocomaceae; Penicillium.

REFERENCE 1
 AUTHORS Haugland, R. and Vesper, S.
 TITLE Method of identifying and quantifying specific fungi and bacteria
 JOURNAL Patent: WO 0196612-A 130 20-DEC-2001;
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US)
 FEATURES Location/Qualifiers
 1..17
 /organism="Penicillium corylophilum"
 /mol_type="genomic DNA"
 /db_xref="taxon:70792"

BASE COUNT 4 a 10 c 1 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
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 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1002 GTCCATCTACCCACCCA 1018
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Db

RESULT 734
 LOCUS AX419938 17 bp DNA linear PAT 18-JUN-2002
 DEFINITION Sequence 275 from Patent WO0198537.
 ACCESSION AX419938
 VERSION AX419938.1 GI:21524305
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Lyamichev, V., Allawi, H., Dong, F., Neri, B.P. and Vener, I.T.
 TITLE Nucleic acid accessible hybridization sites
 JOURNAL Patent: WO 0198537-A 275 27-DEC-2001;
 THIRD WAVE TECHNOLOGIES, INC. (US)
 FEATURES Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 4 a 5 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 337 GGGCCCTACGTACAG 353
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 1 GGACCTATGCTACAG 17

Db

RESULT 735
 LOCUS AX422279 17 bp mRNA linear PAT 18-JUN-2002
 DEFINITION Sequence 615 from Patent WO0188124.
 ACCESSION AX422279
 VERSION AX422279.1 GI:21525661
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 AUTHORS
 TITLE Method and reagent for the inhibition of erg
 JOURNAL Patent: WO 0188124-A 1306 22-NOV-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES Location/Qualifiers
 1..17

AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
 Randi, A.M.
 TITLE Method and reagent for the inhibition of erg
 JOURNAL Patent: WO 0188124-A 615 22-NOV-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 7 c 6 g 0 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1139 CGGTGCTGGCTGAC 1155
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 17 CGGTGCTGGCTGCC 1

Db

RESULT 736
 LOCUS AX422344 17 bp mRNA linear PAT 18-JUN-2002
 DEFINITION Sequence 680 from Patent WO0188124.
 ACCESSION AX422344
 VERSION AX422344.1 GI:21525726
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
 Randi, A.M.
 TITLE Method and reagent for the inhibition of erg
 JOURNAL Patent: WO 0188124-A 680 22-NOV-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES Location/Qualifiers
 1..17
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 8 c 0 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 TCTCTCCATCTCACT 1108
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 1 TCTCTCATCTCACT 17

Db

RESULT 737
 LOCUS AX422970 17 bp mRNA linear PAT 18-JUN-2002
 DEFINITION Sequence 1306 from Patent WO0188124.
 ACCESSION AX422970
 VERSION AX422970.1 GI:21526352
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 AUTHORS Jarvis, T., von Carlowitz, I., Mcswigen, J.A., McLaughlin, F.G. and
 Randi, A.M.
 TITLE Method and reagent for the inhibition of erg
 JOURNAL Patent: WO 0188124-A 1306 22-NOV-2001;
 RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
 FEATURES Location/Qualifiers
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1106 ACTTCTCAACGCCGAC 1122
DB 1 ACTCCCTCGCGCGGAC 17

RESULT 740
LOCUS AX423498 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1934 from Patent WO0188124.
ACCESSION AX423498
VERSION AX423498.1 GI:21526880
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1934 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 2 c 6 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 511 ATGAGGAATTAAGCCCAT 527
DB 1 ATGAGGAGGAGCACAT 17

RESULT 738
LOCUS AX423384 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1720 from Patent WO0188124.
ACCESSION AX423384
VERSION AX423384.1 GI:21526766
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1720 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 3 c 6 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 395 ACACCGTGTCTCTCTC 411
DB 17 ACGCTGTCTCTCTCTC 1

RESULT 739
LOCUS AX423434 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1770 from Patent WO0188124.
ACCESSION AX423434
VERSION AX423434.1 GI:21526816
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1770 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 9 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1106 ACTTCTCAACGCCGAC 1122
DB 1 ACTCCCTCGCGCGGAC 17

RESULT 740
LOCUS AX423498 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1934 from Patent WO0188124.
ACCESSION AX423498
VERSION AX423498.1 GI:21526880
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1934 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 7 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1137 ACGCGTCTCGGCTGC 1153
DB 17 ACGGTGTCTCGGCTGC 1

RESULT 741
LOCUS AX423507 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1843 from Patent WO0188124.
ACCESSION AX423507
VERSION AX423507.1 GI:21526889
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1843 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 7 a 2 c 6 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 511 ATGAGGAATTAAGCCCAT 527
DB 1 ATGAGGAGGAGCACAT 17

RESULT 739
LOCUS AX423434 17 bp mRNA linear PAT 18-JUN-2002
DEFINITION Sequence 1770 from Patent WO0188124.
ACCESSION AX423434
VERSION AX423434.1 GI:21526816
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswiggen, J. A., McLaughlin, F. G. and Randi, A. M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1770 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 9 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


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RESULT 742
LOCUS      AX423529
DEFINITION Sequence 1865 from Patent WO0188124.
ACCESSION  AX423529
VERSION     AX423529.1 GI:21526911
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS    Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
            Randi,A.M.
TITLE      Method and reagent for the inhibition of erg
JOURNAL    Patent: WO 0188124-A 1865 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT      6 a 4 c 4 g 3 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      817 CAGTGCACATGATGCA 833
Db      1 CTGTGCAAGTACCAA 17

RESULT 743
LOCUS      AX423531
DEFINITION Sequence 1867 from Patent WO0188124.
ACCESSION  AX423531
VERSION     AX423531.1 GI:21526913
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS    Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
            Randi,A.M.
TITLE      Method and reagent for the inhibition of erg
JOURNAL    Patent: WO 0188124-A 1867 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT      5 a 5 c 4 g 3 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      788 TTAGCAGGTTGCTTC 804
Db      1 TGACCAAGAGCGACTTC 17

RESULT 744
LOCUS      AX423547
DEFINITION Sequence 1883 from Patent WO0188124.
ACCESSION  AX423547
VERSION     AX423547.1 GI:21526929
KEYWORDS

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SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS    Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
            Randi,A.M.
TITLE      Method and reagent for the inhibition of erg
JOURNAL    Patent: WO 0188124-A 1883 22-NOV-2001;
            RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
Source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT      2 a 10 c 4 g 1 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1195 CCGGTACCGGATCCC 1211
Db      1 CCGGTACCGGACCCC 17

RESULT 745
LOCUS      AX428711
DEFINITION Sequence 110 from Patent EP1201771.
ACCESSION  AX428711
VERSION     AX428711.1 GI:21538622
KEYWORDS
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1
AUTHORS    Van Doorn,L.J., Kletter,B. and Ter Schegget,J.
TITLE      Detection and identification of human papillomavirus by pcr and
            type-specific reverse hybridization
JOURNAL    Patent: EP 1201771-A 110 02-MAY-2002;
            INNOGENETICS N.V. (BE) ; Delifts Diagnostic Laboratory B.V. (NL)
FEATURES
Source
1.17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT      5 a 1 c 5 g 6 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      832 AATGAACTTGGGCA 848
Db      1 AATGAAATTGTGGCA 17

RESULT 746
LOCUS      AX474864
DEFINITION Sequence 85 from Patent WO0224750.
ACCESSION  AX474864
VERSION     AX474864.1 GI:22214149
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1
AUTHORS    Zhang,J.
TITLE      Human kidney tumor overexpressed membrane protein 1
JOURNAL    Patent: WO 0224750-A 85 28-MAR-2002;

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FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 3 c 8 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 477 GCCCAATCTCTGCT 493
17 GCCGAATCTCTCT 1

Db 17 GCCGAATCTCTCT 1

RESULT 747
LOCUS AX475290 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 511 from Patent WO0224750.
ACCESSION AX475290
VERSION AX475290.1 GI:22214575
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 511 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 6 c 4 g 4 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1358 TCTACATCGCTGGG 1374
1 TCTACTCCAGCTGGG 17

Db 1 TCTACTCCAGCTGGG 17

RESULT 748
LOCUS AX475761 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 982 from Patent WO0224750.
ACCESSION AX475761
VERSION AX475761.1 GI:22215046
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 982 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
3 a 4 c 6 g 4 t

Query Match
0.9%; Score 12.2; DB 1; Length 17;
0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1334 TGGAGGGGAGACTCTT 1350
1 TGGAGGGGAGACTCTT 17

Db 1 TGGAGGGGAGACTCTT 17

RESULT 749
LOCUS AX498979 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 286 from Patent EP1229046.
ACCESSION AX498979
VERSION AX498979.1 GI:23381272
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 286 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 6 c 6 g 1 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1422 GGGCTGCGCTGCTGC 1438
17 GGGGTGATCTGCTGC 1

Db 17 GGGGTGATCTGCTGC 1

RESULT 750
LOCUS AX498981 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 288 from Patent EP1229046.
ACCESSION AX498981
VERSION AX498981.1 GI:23381274
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 288 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source
1. 17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
4 a 6 c 5 g 2 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1420 CTGGGCTGCGCTGCT 1436
17 CAGGGGTGATCTGCT 1

Db 17 CAGGGGTGATCTGCT 1

RESULT 751

AX498982/c
LOCUS AX498982 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 289 from Patent EP1229046.
ACCESSION AX498982
VERSION AX498982.1 GI:23381275
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 289 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 5 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1419 GCTGGGCTGCTGCTGC 1435
Db 17 GCAGGGGTCATCTCTGC 1
RESULT 752
AX499057 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499057
DEFINITION Sequence 364 from Patent EP1229046.
ACCESSION AX499057
VERSION AX499057.1 GI:23381350
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 364 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 3 c 8 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 420 CACCTTCAGTTCAGC 436
Db 17 CATCTCCAGCTCCAGC 1
RESULT 753
AX499058 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499058
DEFINITION Sequence 365 from Patent EP1229046.
ACCESSION AX499058
VERSION AX499058.1 GI:23381351
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 365 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 419 GCACCTTCAGTTCAG 435
Db 17 GCATCTCCAGCTCCAG 1
RESULT 754
AX499167 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499167
DEFINITION Sequence 474 from Patent EP1229046.
ACCESSION AX499167
VERSION AX499167.1 GI:23381460
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 474 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 6 c 5 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 419 GCACCTTCAGTTCAG 435
Db 1 GCACCTTCAGTTCAG 17
RESULT 755
AX499358 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499358
DEFINITION Sequence 665 from Patent EP1229046.
ACCESSION AX499358
VERSION AX499358.1 GI:23381651
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 665 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"

BASE COUNT 5 a 8 c 1 g 3 t
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 382 TTCAACACCAACGACAC 398
1 TTCAACACCAACGACAC 17

RESULT 756
AX499359 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499359
DEFINITION Sequence 666 from Patent EP1229046.
ACCESSION AX499359
VERSION AX499359.1 GI:23381652
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 666 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 9 c 1 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 TCACACCAACGACAC 399
1 TCACACCAACGACAC 17

RESULT 757
AX499380/c 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499380
DEFINITION Sequence 687 from Patent EP1229046.
ACCESSION AX499380
VERSION AX499380.1 GI:23381673
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 687 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 8 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 CCTGAAGGCGGAGAGC 319

DB 17 CCTGAAGGCGGAGAGC 1

RESULT 758
AX499381 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499381
DEFINITION Sequence 688 from Patent EP1229046.
ACCESSION AX499381
VERSION AX499381.1 GI:23381674
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 688 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 302 TCCTGAAGGCGGAGAG 318
17 TCCTGAAGGCGGAGAG 1

RESULT 759
AX499486/c 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX499486
DEFINITION Sequence 793 from Patent EP1229046.
ACCESSION AX499486
VERSION AX499486.1 GI:23381779
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 793 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 8 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 414 GTACCGCACTTCACAGT 430
17 GTACCGCGCGCTCCAGT 1

RESULT 760
AX500275 17 bp DNA linear PAT 27-SEP-2002
LOCUS AX500275
DEFINITION Sequence 1582 from Patent EP1229046.
ACCESSION AX500275

VERSION AX500275.1 GI:23382568
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 1582 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 6 c 2 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 474 CATGCCAATCTCTGG 490
DB 1 CATCACTAACATCTCTGG 17
RESULT 761
AX527018 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527018
DEFINITION Sequence 48 from Patent WO0226818.
ACCESSION AX527018
VERSION AX527018.1 GI:25171633
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 48 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 3 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1211 CCATGAAGCTGCTCTTG 1227
DB 1 CAATGAATGCTCTTTG 17
RESULT 762
AX527020 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527020
DEFINITION Sequence 50 from Patent WO0226818.
ACCESSION AX527020
VERSION AX527020.1 GI:25171635
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1

JOURNAL Patent: WO 0226818-A 50 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 3 g 8 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1213 ATGAATGCTCTTTGTA 1229
DB 1 ATGAATGCTCTTTGTA 17
RESULT 763
AX527021 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527021
DEFINITION Sequence 51 from Patent WO0226818.
ACCESSION AX527021
VERSION AX527021.1 GI:25171636
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 51 04-APR-2002;
Neomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 2 c 3 g 8 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1214 TGAATGCTCTTTGTA 1230
DB 1 TGAATGCTCTTTGTA 17
RESULT 764
AX527022 17 bp DNA linear PAT 21-NOV-2002
LOCUS AX527022
DEFINITION Sequence 52 from Patent WO0226818.
ACCESSION AX527022
VERSION AX527022.1 GI:25171637
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Gu, Y. and Corrigan, A.
TITLE Human nedd-1
JOURNAL Patent: WO 0226818-A 52 04-APR-2002;
Neomica, Inc. (US)
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source 1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1215 GAAGTCTCTGTGAAC 1231
DB 1 GAATGCTCTTGTATAC 17

RESULT 765
AX530997/c 17 bp DNA linear PAT 22-NOV-2002

LOCUS AX530997
DEFINITION Sequence 506 from Patent EP1239051.
ACCESSION AX530997
VERSION AX530997.1 GI:25253781
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-1 like protein 1
JOURNAL Patent: EP 1239051-A 506 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 3 c 9 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 238 AAGAGATCCCTATCCC 254
DB 17 AAGAGACCCCTCTCCC 1

RESULT 766
AX530998/c 17 bp DNA linear PAT 22-NOV-2002

LOCUS AX530998
DEFINITION Sequence 507 from Patent EP1239051.
ACCESSION AX530998
VERSION AX530998.1 GI:25253783
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-1 like protein 1
JOURNAL Patent: EP 1239051-A 507 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 4 c 8 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 GAAGAGATCCCTATCC 253
DB 17 GAAGAGACCCCTCTCC 1

RESULT 767
AX530999/c 17 bp DNA linear PAT 22-NOV-2002

LOCUS AX530999
DEFINITION Sequence 508 from Patent EP1239051.
ACCESSION AX530999
VERSION AX530999.1 GI:25253785
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-1 like protein 1
JOURNAL Patent: EP 1239051-A 508 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 236 GAAGAGATCCCTATC 252
DB 17 GAAGAGACCCCTCTC 1

RESULT 768
AX531002/c 17 bp DNA linear PAT 22-NOV-2002

LOCUS AX531002
DEFINITION Sequence 511 from Patent EP1239051.
ACCESSION AX531002
VERSION AX531002.1 GI:25253791
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human poeh-1 like protein 1
JOURNAL Patent: EP 1239051-A 511 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 6 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 TGTGAGAGATCCCT 249
DB 17 TGTGAGAGACCCCT 1

RESULT 769
AX531054/c 17 bp DNA linear PAT 22-NOV-2002

LOCUS AX531054
DEFINITION Sequence 563 from Patent EP1239051.
ACCESSION AX531054
VERSION AX531054.1 GI:25253890
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE

1
Shannon, M.
Human poeh-1ike protein 1
Patent: EP 1239051-A 563 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 7 c 4 g 0 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1420 CTGGGCTGCTCTCTCT 1436
DB 17 CTGGGCTGCTCTCTCT 1

RESULT 770
AX531119 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 628 from Patent EP1239051.
ACCESSION AX531119
VERSION AX531119.1 GI:25254041
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE

1
Shannon, M.
Human poeh-1ike protein 1
Patent: EP 1239051-A 628 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 4 c 7 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1332 CATGAGGGGAGACTC 1348
DB 1 CATGAGGGGAGACTC 17

RESULT 771
AX531293 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 802 from Patent EP1239051.
ACCESSION AX531293
VERSION AX531293.1 GI:25254372
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE

1
Shannon, M.
Human poeh-1ike protein 1
Patent: EP 1239051-A 802 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers

1..17

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 CATCAGAGCAGCTCC 190
DB 1 CATCAGAGCAGCTCC 17

RESULT 772
AX531385 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 894 from Patent EP1239051.
ACCESSION AX531385
VERSION AX531385.1 GI:25254551
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE

1
Shannon, M.
Human poeh-1ike protein 1
Patent: EP 1239051-A 894 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 401 TGTCTCTCTGAGTAC 417
DB 1 TGTCTCTCTGAGTAC 17

RESULT 773
AX531717 17 bp DNA linear PAT 22-NOV-2002
LOCUS
DEFINITION Sequence 1226 from Patent EP1239051.
ACCESSION AX531717
VERSION AX531717.1 GI:25255217
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
SOURCE

1
Shannon, M.
Human poeh-1ike protein 1
Patent: EP 1239051-A 1226 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers

1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 7 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1557 ATCAGTCCCAAGGCT 1573
|||||
DB 1 ATCAGACCCCACTGCT 17

RESULT 774
AX531718
LOCUS AX531718
DEFINITION Sequence 1227 from Patent EP1239051.
ACCESSION AX531718
VERSION AX531718.1 GI:25255219
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1227 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1558 TCAGTCCCAAGGCTC 1574
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DB 1 TCAGACCCCACTGCTC 17

RESULT 775
AX532499/c
LOCUS AX532499
DEFINITION Sequence 2008 from Patent EP1239051.
ACCESSION AX532499
VERSION AX532499.1 GI:25256769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2008 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 4 c 7 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1379 TGCCCAAGTGATGCAC 1395
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DB 17 TGCCCTGCTGATGCAC 1

RESULT 776
AX544580/c
LOCUS AX544580
DEFINITION Sequence 93 from Patent EP1243660.
17 bp DNA 11linear PAT 26-NOV-2002

ACCESSION AX544580
VERSION AX544580.1 GI:25809791
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 93 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 1 c 7 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 382 TTCACCAACACGACAC 398
|||||
DB 17 TTCACACCAACACGAC 1

RESULT 777
AX544585/c
LOCUS AX544585
DEFINITION Sequence 98 from Patent EP1243660.
ACCESSION AX544585
VERSION AX544585.1 GI:25809796
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 98 25-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 6 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 TCAGCTCAACACACAC 393
|||||
DB 17 TCAGCTCAACACACAC 1

RESULT 778
AX544586/c
LOCUS AX544586
DEFINITION Sequence 99 from Patent EP1243660.
ACCESSION AX544586
VERSION AX544586.1 GI:25809797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.

TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 99 25-SEP-2002;
Aeomica, Inc. (US)

FEATURES
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1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 5 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 ATCACTTCACACACAA 392
17 ATCACTTCACACACAA 1

Db 17 ATCACTTCACACACAA 1

RESULT 779
AX544985 17 bp DNA linear PAT 26-NOV-2002
LOCUS Sequence 498 from Patent EP1243660.
DEFINITION AX544985
ACCESSION AX544985
VERSION AX544985.1 GI:25810196
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Zhang, J., Gu, Y. and Nguyen, C.T.
TITLE Human udp-galnac:polypeptide n-acetylglucosaminyltransferase 10
JOURNAL Patent: EP 1243660-A 498 25-SEP-2002;
Aeomica, Inc. (US)

FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 5 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 697 GAGCTCAACACTCCGA 713
1 GAGCTCAACACTCCGA 17

Db 1 GAGCTCAACACTCCGA 17

RESULT 780
AX578287 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 125 from Patent WO0211674.
DEFINITION AX578287
ACCESSION AX578287
VERSION AX578287.1 GI:27647489
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 125 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)

FEATURES
source
1.17
/organism="Homo sapiens"

BASE COUNT 5 a 3 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 TGCTGAGGAGGAGAAA 1593
17 TGCTGAGGAGGAGAAA 1

Db 17 TGCTGAGGAGGAGAAA 1

RESULT 781
AX578846 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 684 from Patent WO0211674.
DEFINITION AX578846
ACCESSION AX578846
VERSION AX578846.1 GI:27648048
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 684 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)

FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 6 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1332 CATGAGGAGGAGACTC 1348
17 CATGAGGAGGAGACTC 1

Db 17 CATGAGGAGGAGACTC 1

RESULT 782
AX579213 17 bp mRNA linear PAT 10-JAN-2003
LOCUS Sequence 1051 from Patent WO0211674.
DEFINITION AX579213
ACCESSION AX579213
VERSION AX579213.1 GI:27648415
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Thompson, J., Mcswigen, J., McKenzie, T., Ayers, D., Szymkowski, D.B.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1051 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)

FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 5 c 6 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1359 CTACACTCAGCTGTGT 1375
Db 17 CTCACACTCTGTGGGCT 1

RESULT 783
AX579705/C
LOCUS AX579705 17 bp mRNA linear PAT 10-JAN-2003
DEFINITION Sequence 1543 from Patent WO0211674.
ACCESSION AX579705
VERSION AX579705.1 GI:27648907
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Thompson, J., McSwiggen, J., McKenzie, T., Ayers, D., Szymkowski, D.E.
TITLE Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1543 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES
SOURCE Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 2 c 8 g 1 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1082 CCCCTTGTCTCTCC 1098
Db 17 CCACCTCTCTCTCTCC 1

RESULT 784
AX634845 17 bp mRNA linear PAT 21-FEB-2003
LOCUS AX634845
DEFINITION Sequence 1984 from Patent EP1260586.
ACCESSION AX634845
VERSION AX634845.1 GI:28470459
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Drenzo, A.,
Karpelisky, A., Draper, K.G., Kisch, K., Matulic-Adamic, J.,
McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Swedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 1984 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
SOURCE Location/Qualifiers
1..17
/organism="unidentified"
/mol_type="mRNA"
/db_xref="taxon:32644"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1402 CAGTACTCTCTCTGCG 1418
Db 1 CAGTACTCTCTCTGCG 17

RESULT 785
AX648954
LOCUS AX648954 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 794 from Patent EP1273660.
ACCESSION AX648954
VERSION AX648954.1 GI:29151772
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 794 08-JAN-2003;
Aeonica, Inc. (US)
FEATURES
SOURCE Location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 1 c 7 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1311 CTGTTTGAGAGAGCG 1327
Db 1 CTGTTTGAGAGAGCG 17

RESULT 786
AX649436 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX649436
DEFINITION Sequence 1276 from Patent EP1273660.
ACCESSION AX649436
VERSION AX649436.1 GI:29152254
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 1276 08-JAN-2003;
Aeonica, Inc. (US)
FEATURES
SOURCE Location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 3 c 3 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1504 AAGGCTCAAGATTA 1520
Db 17 AAGGCTCAAGATTA 1

RESULT 787

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 836 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 3 c 3 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 ATCACTGCAACATGATC 831
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
17 ATTATGGCAACATGATC 1

RESULT 792
LOCUS AX672394 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 839 from Patent WO03004526.
ACCESSION AX672394
VERSION AX672394.1 GI:29330742
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 839 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 2 c 3 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 815 ATCACTGCAACATGATC 831
| | | | | | | | | | | | | | | | | | | | |
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17 ATCTTGAACATGATC 1

RESULT 793
LOCUS AX672398 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 843 from Patent WO03004526.
ACCESSION AX672398
VERSION AX672398.1 GI:29330746
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines

JOURNAL Patent: WO 03004526-A 843 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 3 c 3 g 7 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTTCA 619
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| | | | | | | | | | | | | | | | | | | | |
1 GATCATGTGTGCTTCA 17

RESULT 794
LOCUS AX672501 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 946 from Patent WO03004526.
ACCESSION AX672501
VERSION AX672501.1 GI:29330849
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 946 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 4 c 3 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 GATCATGTGAACCTTCTG 844
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| | | | | | | | | | | | | | | | | | | | |
1 GATCCAAAGAACTTCTG 17

RESULT 795
LOCUS AX672611 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1056 from Patent WO03004526.
ACCESSION AX672611
VERSION AX672611.1 GI:29330959
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1056 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
SOURCE 1..17
/organism="Homo sapiens"

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BASE COUNT      4 a      11 c      1 g      1 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1001 GGTCATCATCCACC 1017
DB      1 GATCCACCACCACC 17

RESULT 796
LOCUS      AX673010      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION      Sequence 1455 from Patent WO03004526.
ACCESSION      AX673010
VERSION      AX673010.1 GI:29331358
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS      Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL      Patent: WO 03004526-A 1455 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source      1..17
/mol_type="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      5 a      5 c      1 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1495 AGTAGTAAAGGCTC 1511
DB      17 AGTGTAAATCGATC 1

RESULT 797
LOCUS      AX673077      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION      Sequence 1522 from Patent WO03004526.
ACCESSION      AX673077
VERSION      AX673077.1 GI:29331425
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS      Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL      Patent: WO 03004526-A 1522 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source      1..17
/mol_type="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      4 a      6 c      4 g      3 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;

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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      663 GTTCCCTTCAGGACA 679
DB      1 GATCCCTTCAGGAGA 17

RESULT 798
LOCUS      AX673114      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION      Sequence 1559 from Patent WO03004526.
ACCESSION      AX673114
VERSION      AX673114.1 GI:29331462
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS      Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL      Patent: WO 03004526-A 1559 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source      1..17
/mol_type="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      6 c      2 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      243 GATCCCTATCCCTCT 259
DB      1 GATCCCTATGCTCATCT 17

RESULT 799
LOCUS      AX673384      17 bp      DNA      linear      PAT 27-MAR-2003
DEFINITION      Sequence 1829 from Patent WO03004526.
ACCESSION      AX673384
VERSION      AX673384.1 GI:29331732
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE
AUTHORS      Telerman, A., Amson, R. and Tuijinder, M.
TITLE      Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL      Patent: WO 03004526-A 1829 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source      1..17
/mol_type="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      5 a      3 c      5 g      4 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      300 GATCTGAGGCGGAGA 316

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Db 1 GATCCTGAAGAGCTTGA 17

RESULT 800
LOCUS AX673420/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1865 from Patent WO03004526.
ACCESSION AX673420
VERSION AX673420.1 GI:29331768
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 1865 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 4 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1061 TCAGCACTGCGAGTTC 1077
Db 17 TCAGCTTTCGAGATC 1

RESULT 801
LOCUS AX673755/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2200 from Patent WO03004526.
ACCESSION AX673755
VERSION AX673755.1 GI:29332103
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 2200 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 3 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 TGAAGCTCATCATGACC 549
Db 17 TGAAGCTCATCATGATC 1

RESULT 802
LOCUS AX674491/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2936 from Patent WO03004526.
ACCESSION AX674491
VERSION AX674491.1 GI:29332839
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 2936 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 GATCAGTGCACATGAT 830
Db 1 GATCAGTGCACATGAT 17

RESULT 803
LOCUS AX674685/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3130 from Patent WO03004526.
ACCESSION AX674685
VERSION AX674685.1 GI:29333033
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 3130 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGAGAGATC 246
Db 17 ACATTTGAGAGATC 1

RESULT 804
LOCUS AX687342/c 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 74 from Patent EP1281758.
ACCESSION AX687342
VERSION AX687342.1 GI:29410036
KEYWORDS

LOCUS AX674491 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 2936 from Patent WO03004526.
ACCESSION AX674491
VERSION AX674491.1 GI:29332839
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 2936 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 GATCAGTGCACATGAT 830
Db 1 GATCAGTGCACATGAT 17

RESULT 803
LOCUS AX674685/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3130 from Patent WO03004526.
ACCESSION AX674685
VERSION AX674685.1 GI:29333033
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or resistance to viruses and their use as medicines
JOURNAL Patent: WO 03004526-A 3130 16-JAN-2003;
FEATURES
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGAGAGATC 246
Db 17 ACATTTGAGAGATC 1

RESULT 804
LOCUS AX687342/c 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 74 from Patent EP1281758.
ACCESSION AX687342
VERSION AX687342.1 GI:29410036
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 74 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 1 c 8 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 625 CCCCTTGATCTCAT 641
Db 17 CCCCTCTGAATCTCAT 1
RESULT 805
AX687630 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 362 from Patent EPI281758.
DEFINITION AX687630
ACCESSION AX687630.1 GI:29410326
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 362 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 6 c 4 g 1 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 174 CATCAGCAGCAGTCC 190
Db 1 CACCAAGCAGCAGTCC 17
RESULT 806
AX687631 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 363 from Patent EPI281758.
DEFINITION AX687631
ACCESSION AX687631.1 GI:29410327
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

JOURNAL mdz12
Patent: EP 1281758-A 363 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 6 a 5 c 4 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 175 ATCAAGCAGCAGTCTCT 191
Db 1 ACCAAGCAGCAGTCTCT 17
RESULT 807
AX687646 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 378 from Patent EPI281758.
DEFINITION AX687646
ACCESSION AX687646.1 GI:29410342
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 378 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 1 a 4 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1063 AGCACCCTGAGCTTCAG 1079
Db 17 AGCACCAGCAGCTCCAG 1
RESULT 808
AX687647 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 379 from Patent EPI281758.
DEFINITION AX687647
ACCESSION AX687647.1 GI:29410343
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 379 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
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/mol_type="genomic DNA"

BASE COUNT 1 a /db_xref="taxon:9606" 3 c 8 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1062 GAGCAGCTGAGCTTCA 1078
Db 17 CAGCAGCAGCAGCTTCA 1

RESULT 809
AX687650 17 bp DNA 1linear PAT 31-MAR-2003
LOCUS Sequence 382 from Patent EP1281758.
ACCESSION AX687650
VERSION AX687650.1 GI:29410346
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 382 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 3 c 8 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 317 AGCCGACGCTGGGAG 333
Db 1 AGCTGCTGCTGCTGGAG 17

RESULT 810
AX687651 17 bp DNA 1linear PAT 31-MAR-2003
LOCUS Sequence 383 from Patent EP1281758.
ACCESSION AX687651
VERSION AX687651.1 GI:29410347
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 383 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 4 c 8 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 318 GCGCAGGCGCGGAGC 334
Db 1 GCTGCTGCTGCTGAGC 17

RESULT 811
AX687875/c 17 bp DNA 1linear PAT 31-MAR-2003
LOCUS Sequence 607 from Patent EP1281758.
ACCESSION AX687875
VERSION AX687875.1 GI:29410573
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 607 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 5 a 2 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1526 CCATTGAGGCTATCT 1542
Db 17 CCATTGAGGCTTAACCT 1

RESULT 812
AX688200/c 17 bp DNA 1linear PAT 31-MAR-2003
LOCUS Sequence 932 from Patent EP1281758.
ACCESSION AX688200
VERSION AX688200.1 GI:29410900
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 932 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 5 c 7 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 445 TCCGACGCGCTGGAG 461
Db 17 TCCGACGCGCTGGAG 1

RESULT 813
AX688303/c

LOCUS AX688303 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1035 from Patent EP1281758.
ACCESSION AX688303
VERSION AX688303.1 GI:29411003
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1035 05-FEB-2003;
FEATURES
SOURCE location/Qualifiers
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/db_xref="taxon:9606"
BASE COUNT 1 a 7 c 6 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 521 AGCCCATGACCTGAG 537
17 AGCCGAGGCGCTTGAG 1
Db
RESULT 814
LOCUS AX688532 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1264 from Patent EP1281758.
ACCESSION AX688532
VERSION AX688532.1 GI:29411234
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1264 05-FEB-2003;
FEATURES
SOURCE location/Qualifiers
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/db_xref="taxon:9606"
BASE COUNT 3 a 0 c 10 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1348 CTTACACATCTTACAC 1364
17 CTTCCGACCTCCAC 1
Db
RESULT 815
LOCUS AX688610 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1342 from Patent EP1281758.
ACCESSION AX688610
VERSION AX688610.1 GI:29411312
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1526 05-FEB-2003;

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1342 05-FEB-2003;
FEATURES
SOURCE location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 4 c 7 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 344 AGGTGACAGGAGTCC 360
1 AGCTGTGACGCGAGTCC 17
Db
RESULT 816
LOCUS AX688648 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1380 from Patent EP1281758.
ACCESSION AX688648
VERSION AX688648.1 GI:29411350
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1380 05-FEB-2003;
FEATURES
SOURCE location/Qualifiers
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BASE COUNT 4 a 6 c 5 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1062 CAGCAGCTGAGGTTCA 1078
1 CAGCAGCTGAGGTTCA 17
Db
RESULT 817
LOCUS AX688794 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1526 from Patent EP1281758.
ACCESSION AX688794
VERSION AX688794.1 GI:29411498
KEYWORDS
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1526 05-FEB-2003;

FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
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Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
744 CCAGAGCTTCAGCAGCA 760
1 CAAGAGCTTCAGCAGCA 17

RESULT 818
AX690464 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: BP 1281758-A 3196 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
5 a 3 c 6 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
656 CAGCAGTTCCTCC 672
17 CAGCAGTTCCTCC 1

RESULT 819
AX690579 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: BP 1281758-A 3311 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

FEATURES
source
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
5 a 3 c 6 g 3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
1340 GCGAGCTTCACACA 1356
1 GCGAGCTTCACACA 17

RESULT 820
AX690637 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: BP 1281758-A 3369 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT
6 a 6 c 4 g 1 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
174 CACCAAGGAGCAGATCC 190
1 CACCAAGGAGCAGATCC 17

RESULT 821
AX690638 17 bp DNA linear PAT 31-MAR-2003
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
Patent: BP 1281758-A 3370 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

FEATURES
source
Location/Qualifiers
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/mol_type="genomic DNA"
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BASE COUNT
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Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
175 ATCAAGCAGCAGTCT 191
1 ATCAAGCAGCAGTCT 191

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4111 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1348 CTTGACACATTTCTAC 1364
DB 17 CTTGCCACATTTCTCAC 1
RESULT 827
AX691380/c 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691380 4112 from Patent EP1281758.
DEFINITION AX691380
ACCESSION AX691380.1 GI:29414316
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4112 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 7 a 1 c 6 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1347 TCTTCACACATTTCTACA 1363
DB 17 TCTTGCCACATTTCTCA 1
RESULT 828
AX691708 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691708 4440 from Patent EP1281758.
DEFINITION AX691708
ACCESSION AX691708.1 GI:29414646
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4440 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers

source 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 5 c 8 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 422 CCTTCAGTTCAGCCC 438
DB 17 CCTGCAGTTCAGCCC 1
RESULT 829
AX691932 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX691932 4664 from Patent EP1281758.
DEFINITION AX691932
ACCESSION AX691932.1 GI:29414873
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4664 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 8 c 4 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 528 GACCTGAGGCTCATCA 544
DB 1 GACCTGAGGCTCATCA 17
RESULT 830
AX692601 17 bp DNA linear PAT 31-MAR-2003
LOCUS AX692601 5333 from Patent EP1281758.
DEFINITION AX692601
ACCESSION AX692601.1 GI:29415559
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5333 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 8 c 3 g 3 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 755 GCAGATCCACCTCTG 771

Db 1 GCAGATCCACCTCTG 17

RESULT 831

LOCUS AX692602 17 bp DNA linear PAT 31-MAR-2003

DEFINITION Sequence 5334 from Patent EP1281758.

AX692602

VERSION AX692602.1 GI:29415560

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

source

location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

3 a 8 c 3 g 3 t

BASE COUNT

Query Match

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 CAGATCCACCTCTG 772

Db 1 CAGATCCACCTCTG 17

RESULT 832

AX693063

LOCUS

DEFINITION

AX693063

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

source

location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

6 a 4 c 3 g 4 t

BASE COUNT

Query Match

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1527 CATTGAGCTATTCTG 1543

Db 1 CATTGAGCTATTCTG 17

RESULT 833

AX693064

LOCUS

DEFINITION

AX693064

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

source

location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

7 a 3 c 3 g 4 t

BASE COUNT

Query Match

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1528 ATTGAGCTATTCTGA 1544

Db 1 ATTGAGCTATTCTGA 17

RESULT 834

AX693067

LOCUS

DEFINITION

AX693067

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

source

location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

7 a 4 c 3 g 3 t

BASE COUNT

Query Match

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1531 CAGGCTATTCTGATC 1547

Db 1 CAGGCTATTCTGATC 17

RESULT 835

AX693204/c

LOCUS

DEFINITION

AX693204

VERSION

AX693204.1 GI:29416168

KEYWORDS	Homo sapiens (human)									
SOURCE	Homo sapiens									
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.									
REFERENCE	1 Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12									
AUTHORS	Patent: EP 1281758-A 5936 05-FEB-2003;									
TITLE	Aemica, Inc. (US)									
JOURNAL	Location/Qualifiers									
FEATURES	1..17									
source	/organism="Homo sapiens" /mol_type="genomic DNA" /db_xref="taxon:9606"									
BASE COUNT	4 a 3 c 8 g 2 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Qy	1230 ACTGCAGCTGACCTCT 1246									
Db	17 ACTCAGCTGCGCTCT 1									
RESULT 836										
AX693377/c										
LOCUS	AX693377 17 bp DNA linear PAT 01-APR-2003									
DEFINITION	Sequence 6109 from Patent EP1281758.									
ACCESSION	AX693377									
VERSION	AX693377.1 GI:29416342									
KEYWORDS	Homo sapiens (human)									
SOURCE	Homo sapiens									
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.									
REFERENCE	1 Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12									
AUTHORS	Patent: BP 1281758-A 6109 05-FEB-2003;									
TITLE	Aemica, Inc. (US)									
JOURNAL	Location/Qualifiers									
FEATURES	1..17									
source	/organism="Homo sapiens" /mol_type="genomic DNA" /db_xref="taxon:9606"									
BASE COUNT	6 a 2 c 6 g 3 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Qy	946 TTGAAGCATCCAC 962									
Db	17 TTGAAGCTTCCAC 1									
RESULT 837										
AX693378/c										
LOCUS	AX693378 17 bp DNA linear PAT 31-MAR-2003									
DEFINITION	Sequence 6110 from Patent EP1281758.									
ACCESSION	AX693378									
VERSION	AX693378.1 GI:29416343									
KEYWORDS	Homo sapiens (human)									
SOURCE	Homo sapiens									
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.									
REFERENCE	1 Shannon,M., Gu,Y. and Nguyen,C.T.									
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.									

TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12									
JOURNAL	Patent: EP 1281758-A 6110 05-FEB-2003;									
FEATURES	Aeomica, Inc. (US)									
source	location/Qualifiers									
	1..17									
	/organism="Homo sapiens"									
	/mol_type="genomic DNA"									
	/db_xref="taxon:9606"									
BASE COUNT	6 a 3 c 5 g 3 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Qy	945 GTTTGAGGAGCATCCCA 961									
Db	17 GTTTGAGGAGCTTTCCCA 1									
RESULT 838										
AX693379/c										
LOCUS	AX693379									
DEFINITION	Sequence 6111 from Patent EP1281758.									
ACCESSION	AX693379									
VERSION	AX693379.1 GI:29416344									
KEYWORDS										
SOURCE										
ORGANISM	Homo sapiens (human)									
REFERENCE										
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.									
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12									
JOURNAL	Patent: EP 1281758-A 6111 05-FEB-2003;									
FEATURES	Aeomica, Inc. (US)									
source	location/Qualifiers									
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	/mol_type="genomic DNA"									
	/db_xref="taxon:9606"									
BASE COUNT	7 a 3 c 5 g 2 t									
Query Match	0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity	82.4%; Pred. No. 4.5e+02;									
Matches	14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
Qy	944 TGTTTGAGGAGCATCCC 960									
Db	17 TGTTTGAGGAGCTTTCCC 1									
RESULT 839										
AX693488										
LOCUS	AX693488									
DEFINITION	Sequence 6220 from Patent EP1281758.									
ACCESSION	AX693488									
VERSION	AX693488.1 GI:29416453									
KEYWORDS										
SOURCE										
ORGANISM	Homo sapiens (human)									
REFERENCE										
AUTHORS	Shannon,M., Gu,Y. and Nguyen,C.T.									
TITLE	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12									
JOURNAL	Patent: EP 1281758-A 6220 05-FEB-2003;									
FEATURES	Aeomica, Inc. (US)									
source	location/Qualifiers									
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	/organism="Homo sapiens"									

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BASE COUNT      7 a      6 c      1 g      3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      170 CGCTCATCAAGCGCAG 186
DB      1 CACTCATCAAGCATCAG 17

RESULT 840
LOCUS    AX693534
DEFINITION Sequence 6266 from Patent EP1281758.
ACCESSION AX693534
VERSION  AX693534.1 GI:29416499
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1
AUTHORS   Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES    Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
          mdz12
JOURNAL   Patent: EP 1281758-A 6266 05-FEB-2003;
          Neomica, Inc. (US)
FEATURES   Location/Qualifiers
           1..17
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

BASE COUNT      4 a      3 c      7 g      3 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1035 GTGCTCGAGCTCTGGA 1051
DB      1 GTGCCGAGAGTGTGGA 17

RESULT 841
LOCUS    AX693612
DEFINITION Sequence 6344 from Patent EP1281758.
ACCESSION AX693612
VERSION  AX693612.1 GI:29416577
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1
AUTHORS   Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES    Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
          mdz12
JOURNAL   Patent: EP 1281758-A 6344 05-FEB-2003;
          Neomica, Inc. (US)
FEATURES   Location/Qualifiers
           1..17
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

BASE COUNT      3 a      5 c      5 g      4 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      1029 CTGCGCGTGCCTGAGT 1045
DB      1 CTACGCGTGCCTGAGT 17

RESULT 842
LOCUS    AX699233
DEFINITION Sequence 174 from Patent WO03000727.
ACCESSION AX699233
VERSION  AX699233.1 GI:29499883
KEYWORDS
SOURCE    synthetic construct
ORGANISM  artificial sequences.
REFERENCE 1
AUTHORS   Zhang,Y., Moffatt,M., Cookson,W. and Tinsley,J.
TITLES    Atopy
JOURNAL   Patent: WO 03000727-A 174 03-JAN-2003;
          ISIS INNOVATION LIMITED (GB)
FEATURES   Location/Qualifiers
           1..17
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Primer"

BASE COUNT      0 a      7 c      2 g      8 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1089 GTTCTCTCCCATCTTC 1105
DB      1 GTTCTCTCCCTGCTTC 17

RESULT 843
LOCUS    AX722550
DEFINITION Sequence 237 from Patent WO03025176.
ACCESSION AX722550
VERSION  AX722550.1 GI:30423051
KEYWORDS
SOURCE    Mus musculus (house mouse)
ORGANISM  Mus musculus
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
AUTHORS   Teitelman,A., Amson,R. and Tjinder,M.
TITLES    Sequences involved in phenomena of tumour suppression, tumour
          reversion, apoptosis and/or virus resistance and their use as
          medicines
JOURNAL   Patent: WO 03025176-A 237 27-MAR-2003;
          Molecular Engines Laboratories (FR)
FEATURES   Location/Qualifiers
           1..17
            /organism="Mus musculus"
            /mol_type="genomic DNA"
            /db_xref="taxon:10090"

BASE COUNT      4 a      3 c      5 g      5 t

Query Match
Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1202 CGGAATCCCATGAC 1218
DB      17 CAGGAATCCCATGATC 1

RESULT 844

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AX722915
LOCUS AX722915 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 602 from Patent WO03025176.
ACCESSION AX722915
VERSION AX722915.1 GI:30423416
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 602 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 4 c 4 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 603 GATCATCTGGGCTTACA 619
Db 1 GATCATCTGGGCTTACA 17

RESULT 845
AX723539/c
LOCUS AX723539 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1226 from Patent WO03025176.
ACCESSION AX723539
VERSION AX723539.1 GI:30424040
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 1226 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 9 c 1 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 941 GGGTGTGGAAGCATC 957
Db 17 GGGTGTGGAAGCATC 1

RESULT 846
AX723808/c
LOCUS AX723808 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1495 from Patent WO03025176.
ACCESSION AX723808
VERSION AX723808.1 GI:30503151

KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 1495 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 4 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 533 TGAAGCTCATCATGACC 549
Db 17 TGAAGCTCATCATGACC 1

RESULT 847
AX724414/c
LOCUS AX724414 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2101 from Patent WO03025176.
ACCESSION AX724414
VERSION AX724414.1 GI:30503757
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
1 Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 2101 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1038 CCTGAGCTCGAATTC 1054
Db 17 CCTGAGCTCGAATTC 1

RESULT 848
AX724702
LOCUS AX724702 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2389 from Patent WO03025176.
ACCESSION AX724702
VERSION AX724702.1 GI:30504045
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

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JOURNAL									
Patent: WO 03025176-A 2585 27-MAR-2003;									
Molecular Engines Laboratories (FR)									
Location/Qualifiers									
1. .17									
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/mol_type="genomic DNA"									
/db_xref="taxon:10090"									
BASE COUNT 3 a 8 c 4 g 2 t									
Query Match 0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity 82.4%; Pred. No. 4.5e+02;									
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
QY 1179 GTTCTGACATCCACC 1195									
1 GATCTGACCGCCACC 17									
nb									
RESULT 851									
AX725693 17 bp DNA linear PAT 08-MAY-2003									
LOCUS									
DEFINITION Sequence 3380 from Patent WO03025176.									
ACCESSION AX725693									
VERSION AX725693.1 GI:30505036									
KEYWORDS									
SOURCE									
ORGANISM									
Mus musculus (house mouse)									
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;									
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.									
REFERENCE									
AUTHORS									
TITLE									
1 Telerman,A., Amson,R. and Tuijinder,M.									
Sequences involved in phenomena of tumour suppression, tumour									
reversion, apoptosis and/or virus resistance and their use as									
medicines									
Patent: WO 03025176-A 3380 27-MAR-2003;									
JOURNAL									
Molecular Engines Laboratories (FR)									
Location/Qualifiers									
1. .17									
/organism="Mus musculus"									
/mol_type="genomic DNA"									
/db_xref="taxon:10090"									
BASE COUNT 6 a 4 c 4 g 3 t									
Query Match 0.9%; Score 12.2; DB 1; Length 17;									
Best Local Similarity 82.4%; Pred. No. 4.5e+02;									
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
QY 911 GATCCAGAGCTAATG 927									
1 GATCCAGAGGCTCATG 17									
Db									
RESULT 852									
AX725756 17 bp DNA linear PAT 08-MAY-2003									
LOCUS									
DEFINITION Sequence 3443 from Patent WO03025176.									
ACCESSION AX725756									
VERSION AX725756.1 GI:30505099									
KEYWORDS									
SOURCE									
ORGANISM									
Mus musculus (house mouse)									
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;									
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.									
REFERENCE									
AUTHORS									
TITLE									
1 Telerman,A., Amson,R. and Tuijinder,M.									
Sequences involved in phenomena of tumour suppression, tumour									
reversion, apoptosis and/or virus resistance and their use as									
medicines									
Patent: WO 03025176-A 3443 27-MAR-2003;									
JOURNAL									
Molecular Engines Laboratories (FR)									
Location/Qualifiers									
1. .17									
/organism="Mus musculus"									

/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 4 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1310 TCTGTTTGCAGAGC 1326
17 TCCGGTTTACAGATC 1

RESULT 853
AX726528 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726528
DEFINITION Sequence 4215 from Patent WO03025176.
ACCESSION AX726528
VERSION AX726528.1 GI:30505871
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4215 27-MAR-2003;
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 603 GATCATGTGGGCTACA 619
1 GATCATGTTTGTCTACA 17

RESULT 854
AX726634 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726634
DEFINITION Sequence 4321 from Patent WO03025176.
ACCESSION AX726634
VERSION AX726634.1 GI:30505977
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4321 27-MAR-2003;
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 4 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 789 GAGCAAGGTGACTTCT 805
1 GATCAAGTTGACCTCT 17

RESULT 855
AX726681 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX726681
DEFINITION Sequence 4368 from Patent WO03025176.
ACCESSION AX726681
VERSION AX726681.1 GI:30506024
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4368 27-MAR-2003;
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 3 a 4 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 752 TCAGCAGATCCACTC 768
17 TCAGCAGGCTCCAGATC 1

RESULT 856
AX727031 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX727031
DEFINITION Sequence 4718 from Patent WO03025176.
ACCESSION AX727031
VERSION AX727031.1 GI:30506374
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 4718 27-MAR-2003;
Location/Qualifiers

FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1226 TGAACGACGAGCAGC 1242
|||||

Db 17 TGACCTTCAGCTGATC 1

RESULT 857

AX727868

LOCUS AX727868 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5555 from Patent WO03025176.

ACCESSION AX727868

VERSION AX727868.1 GI:30507211

KEYWORDS

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1

AUTHORS Tejeraman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025176-A 5555 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Mus musculus"

/mol_type="genomic DNA"

/db_xref="taxon:10090"

BASE COUNT 6 a 4 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 GATCCATGAGCTATG 927

Db 1 GATCCATCAACTTATG 17

RESULT 858

AX728412

LOCUS AX728412 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 46 from Patent WO03025175.

ACCESSION AX728412

VERSION AX728412.1 GI:30507755

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Tejeraman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 46 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 7 a 4 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CGATATTGCTGAGC 700

Db 17 CTGAGTATTCTGATC 1

RESULT 859

AX729229

LOCUS AX729229 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 863 from Patent WO03025175.

ACCESSION AX729229

VERSION AX729229.1 GI:30508572

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Tejeraman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 863 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCTTCT 259

Db 1 GATCCAGAGCCCTTCT 17

RESULT 860

AX729357

LOCUS AX729357 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 991 from Patent WO03025175.

ACCESSION AX729357

VERSION AX729357.1 GI:30508700

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1

AUTHORS Tejeraman, A., Amson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 991 27-MAR-2003;

FEATURES

source Location/Qualifiers

1..17

/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 1 g 8 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGAGAGAGATC 246

Db 17 AGAAGTGAGAGAGATC 1

RESULT 861

AX729396

LOCUS AX729396 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 1030 from Patent WO03025175.

ACCESSION AX729396

VERSION AX729396.1 GI:30508739

KEYWORDS

SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 Teleman,A., Amson,R. and Tuijinder,M.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 Patent: WO 03025175-A 1030 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 4 c 3 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1226 TGAACCTGAGCTGAGC 1242
 |||||
 Db 17 TGAACCTGAGCTGATC 1

RESULT 862
 AX729507 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 1141 from Patent WO03025175.
 DEFINITION AX729507
 ACCESSION AX729507.1 GI:30508850
 VERSION
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 Teleman,A., Amson,R. and Tuijinder,M.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 Patent: WO 03025175-A 1141 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 6 c 2 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCTCT 259
 |||||
 Db 1 GATCAGCTTCCCGTTCT 17

RESULT 863
 AX729587 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 1221 from Patent WO03025175.
 DEFINITION AX729587
 ACCESSION AX729587
 VERSION AX729587.1 GI:30508930
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 Teleman,A., Amson,R. and Tuijinder,M.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 Patent: WO 03025175-A 1567 27-MAR-2003;

AUTHORS Teleman,A., Amson,R. and Tuijinder,M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025175-A 1221 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 7 a 2 c 6 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 GATGATGAGAAATPAC 523
 |||||
 Db 1 GATCAGAGGAGATGAC 17

RESULT 864
 AX729647 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 1281 from Patent WO03025175.
 DEFINITION AX729647
 ACCESSION AX729647
 VERSION AX729647.1 GI:30508990
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 Teleman,A., Amson,R. and Tuijinder,M.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 Patent: WO 03025175-A 1281 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 5 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 GATCAGCTCGTGACA 775
 |||||
 Db 1 GATCAGCTCGTGACA 17

RESULT 865
 AX729933 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 1567 from Patent WO03025175.
 DEFINITION AX729933
 ACCESSION AX729933
 VERSION AX729933.1 GI:30509276
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 Teleman,A., Amson,R. and Tuijinder,M.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 Patent: WO 03025175-A 1567 27-MAR-2003;

FEATURES Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 3 c 3 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 603 GATCATGTGGGCTTAC 619
 Db 1 GATCATGTGGTCTTAC 17

RESULT 866
 AX730367/c 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2001 from Patent WO03025175.
 DEFINITION AX730367
 ACCESSION AX730367
 VERSION AX730367.1 GI:30509710
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 2001 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 2 a 7 c 1 g 7 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 ACATGTGGAAGGATC 246
 Db 17 ATGAGGAGGAGAGATC 1

RESULT 867
 AX730635 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 2269 from Patent WO03025175.
 DEFINITION AX730635
 ACCESSION AX730635
 VERSION AX730635.1 GI:30509778
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 2001 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

BASE COUNT 1 a 8 c 4 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 GCTTCGCCCGTGCCTG 1041
 Db 1 GATCTGCCCCCTGCTG 17

RESULT 868
 AX732067 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3701 from Patent WO03025175.
 DEFINITION AX732067
 ACCESSION AX732067
 VERSION AX732067.1 GI:30511410
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 3701 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 4 a 3 c 6 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 TGAAGCTCATGATGACC 549
 Db 17 TGACGCTCATGACGATC 1

RESULT 869
 AX732178 17 bp DNA linear PAT 08-MAY-2003
 LOCUS Sequence 3812 from Patent WO03025175.
 DEFINITION AX732178
 ACCESSION AX732178
 VERSION AX732178.1 GI:30511521
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Telerman, A., Anson, R. and Tuijinder, M.
 Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 Patent: WO 03025175-A 3812 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 Location/Qualifiers
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

FEATURES
 source 1..17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"

BASE COUNT 5 a 2 c 5 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1571 GCTGTGCTGCGAGAA 1587
DB 1 GATCTGTGCTGTGAGAA 17

RESULT 870
AX732217
LOCUS AX732217 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3851 from Patent WO03025175.
ACCESSION AX732217
VERSION AX732217.1 GI:30511560
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1
JOURNAL Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or virus resistance and their use as medicines
PATENT: WO 03025175-A 3851 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 3 c 6 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1308 GCTTGTGTTGACAGA 1324
DB 1 GATCTGCTTTCAGAGGA 17

RESULT 871
AX732580
LOCUS AX732580 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4214 from Patent WO03025175.
ACCESSION AX732580
VERSION AX732580.1 GI:30511923
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1
JOURNAL Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or virus resistance and their use as medicines
PATENT: WO 03025175-A 4214 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 2 a 6 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1296 GGTCTGCGCGCTGCT 1312
DB 1 GATCTGCGCGCTGCACT 17

RESULT 872
AX733051
LOCUS AX733051 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4685 from Patent WO03025175.
ACCESSION AX733051
VERSION AX733051.1 GI:30512394
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1
JOURNAL Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or virus resistance and their use as medicines
PATENT: WO 03025175-A 4685 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

BASE COUNT 2 a 8 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 GATCCCTATCCCTTCT 259
DB 1 GATCCAGGCCCCCTTCT 17

RESULT 873
AX733872/C
LOCUS AX733872 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5506 from Patent WO03025175.
ACCESSION AX733872
VERSION AX733872.1 GI:30513215
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1
JOURNAL Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversal, apoptosis and/or virus resistance and their use as medicines
PATENT: WO 03025175-A 5506 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1226 TGAACCTGACGTGAGC 1242
DB 17 TGAACCTTACGTGATC 1

RESULT 874
AX734007/C
LOCUS AX734007 17 bp DNA linear PAT 08-MAY-2003

DEFINITION Sequence 5641 from Patent WO03025175.
ACCESSION AX734007
VERSION AX734007.1 GI:30513350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5641 27-MAR-2003;
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/db_xref="taxon:9606"
BASE COUNT 6 a 2 c 3 g 6 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 815 ATCAGTGCACATGATC 831
DB 17 ATCTTGAAACATGATC 1
RESULT 875
LOCUS AX734164 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5798 from Patent WO03025175.
ACCESSION AX734164
VERSION AX734164.1 GI:30513507
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5798 27-MAR-2003;
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/db_xref="taxon:9606"
BASE COUNT 3 a 7 c 3 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1296 GGTCTGCGCTGCTCT 1312
DB 1 GATCCTGCACCTGCACT 17
RESULT 876
LOCUS AX734618 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 208 from Patent WO03025177.
ACCESSION AX734618
VERSION AX734618.1 GI:30513895
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicines
JOURNAL Patent: WO 03025177-A 208 27-MAR-2003;
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/db_xref="taxon:9606"
BASE COUNT 5 a 4 c 4 g 4 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1464 GAGCCAGAGAAATGCT 1480
DB 1 GATCCCTGAGAAATGCT 17
RESULT 877
LOCUS AX734652 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 242 from Patent WO03025177.
ACCESSION AX734652
VERSION AX734652.1 GI:30513929
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthof, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicines
JOURNAL Patent: WO 03025177-A 242 27-MAR-2003;
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/db_xref="taxon:9606"
BASE COUNT 8 a 3 c 2 g 4 t
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 686 GATTATTGCTGAGCTC 702
DB 17 GATTATTGCTGAGCTC 1
RESULT 878
LOCUS AX734801 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 391 from Patent WO03025177.
ACCESSION AX734801
VERSION AX734801.1 GI:30514078
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijthof, M.

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TITLE      Sequences involved in phenomena of tumour suppression, tumour
            reversal, apoptosis and/or resistance to viruses and the use
JOURNAL    thereof as medicaments Patent: WO 03025177-A 391 27-MAR-2003;
            Molecular Engines Laboratories (FR)
FEATURES   Location/Qualifiers
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            /db_xref="taxon:9606"
BASE COUNT      7 a      2 c      2 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      507 GATGATGAGAAATAGC 523
DB      1 GATCAAGAGAAATGAGC 17

RESULT 879
LOCUS      AX734955      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 545 from Patent WO03025177.
ACCESSION  AX734955
VERSION     AX734955.1 GI:30514232
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE   1
            Telerman, A., Amson, R. and Tuijinder, M.
            Sequences involved in phenomena of tumour suppression, tumour
            reversal, apoptosis and/or resistance to viruses and the use
            thereof as medicaments
            Patent: WO 03025177-A 545 27-MAR-2003;
            Molecular Engines Laboratories (FR)
FEATURES
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
BASE COUNT      6 a      5 c      2 g      4 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      699 GCTCAACACTCGACT 715
DB      1 GATCAACACTCGCTACT 17

RESULT 880
LOCUS      AX735496      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 1086 from Patent WO03025177.
ACCESSION  AX735496
VERSION     AX735496.1 GI:30514773
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE   1
            Telerman, A., Amson, R. and Tuijinder, M.
            Sequences involved in phenomena of tumour suppression, tumour
            reversal, apoptosis and/or resistance to viruses and the use
            thereof as medicaments
            Patent: WO 03025177-A 1086 27-MAR-2003;
            Molecular Engines Laboratories (FR)
JOURNAL
FEATURES
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FEATURES   Location/Qualifiers
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BASE COUNT      5 a      3 c      4 g      5 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1215 GAACGCTCTGTGAAC 1231
DB      1 GATCAGTCTGTGAAC 17

RESULT 881
LOCUS      AX736671      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 2261 from Patent WO03025177.
ACCESSION  AX736671
VERSION     AX736671.1 GI:30515959
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE   1
            Telerman, A., Amson, R. and Tuijinder, M.
            Sequences involved in phenomena of tumour suppression, tumour
            reversal, apoptosis and/or resistance to viruses and the use
            thereof as medicaments
            Patent: WO 03025177-A 2261 27-MAR-2003;
            Molecular Engines Laboratories (FR)
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Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      300 GATCCTGAAGCGGAGA 316
DB      1 GATCCTGAATGCGCTGA 17

RESULT 882
LOCUS      AX736672      17 bp      DNA      linear      PAT 08-MAY-2003
DEFINITION Sequence 2262 from Patent WO03025177.
ACCESSION  AX736672
VERSION     AX736672.1 GI:30515960
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE   1
            Telerman, A., Amson, R. and Tuijinder, M.
            Sequences involved in phenomena of tumour suppression, tumour
            reversal, apoptosis and/or resistance to viruses and the use
            thereof as medicaments
            Patent: WO 03025177-A 2262 27-MAR-2003;
            Molecular Engines Laboratories (FR)
JOURNAL
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            /mol_type="genomic DNA"
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BASE COUNT      6 a      5 c      3 g      3 t
Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      911 GATTCATGAAGCTAATG 927
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      1 GATTCATGAAGCCACTG 17

RESULT 883
AX736710/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS           Sequence 2300 from Patent WO03025177.
DEFINITION      AX736710
ACCESSION       AX736710
VERSION         AX736710.1 GI:30515998
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS        1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE          Sequences involved in phenomena of tumour suppression, tumour
                reversal, apoptosis and/or resistance to viruses and the use
                thereof as medicaments
JOURNAL        Patent: WO 03025177-A 2300 27-MAR-2003;
                Molecular Engines Laboratories (FR)
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SOURCE         1. .17
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BASE COUNT      4 a      3 c      2 g      8 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      230 ACATGTGAAGAGATC 246
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      17 ACATATTGAAGAGATC 1

RESULT 884
AX736712/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS           Sequence 2302 from Patent WO03025177.
DEFINITION      AX736712
ACCESSION       AX736712
VERSION         AX736712.1 GI:30516000
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS        1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE          Sequences involved in phenomena of tumour suppression, tumour
                reversal, apoptosis and/or resistance to viruses and the use
                thereof as medicaments
JOURNAL        Patent: WO 03025177-A 2302 27-MAR-2003;
                Molecular Engines Laboratories (FR)
FEATURES
SOURCE         1. .17
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                /db_xref="taxon:9606"

BASE COUNT      3 a      2 c      3 g      9 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      815 ATCAGTGCACAGATC 831
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      17 ATCGAAGAAACAGATC 1

RESULT 885
AX738253/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS           Sequence 3843 from Patent WO03025177.
DEFINITION      AX738253
ACCESSION       AX738253
VERSION         AX738253.1 GI:30517541
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS        1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE          Sequences involved in phenomena of tumour suppression, tumour
                reversal, apoptosis and/or resistance to viruses and the use
                thereof as medicaments
JOURNAL        Patent: WO 03025177-A 3843 27-MAR-2003;
                Molecular Engines Laboratories (FR)
FEATURES
SOURCE         1. .17
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BASE COUNT      5 a      4 c      3 g      5 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      746 AGAACATCAGCAGATC 762
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      17 AGTTCAATCAGTAGATC 1

RESULT 886
AX738508/c      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS           Sequence 4098 from Patent WO03025177.
DEFINITION      AX738508
ACCESSION       AX738508
VERSION         AX738508.1 GI:30517796
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS        1 Telerman, A., Amson, R. and Tuijinder, M.
TITLE          Sequences involved in phenomena of tumour suppression, tumour
                reversal, apoptosis and/or resistance to viruses and the use
                thereof as medicaments
JOURNAL        Patent: WO 03025177-A 4098 27-MAR-2003;
                Molecular Engines Laboratories (FR)
FEATURES
SOURCE         1. .17
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                /db_xref="taxon:9606"

BASE COUNT      5 a      4 c      5 g      3 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1445 CTGTGATCGCCAAATC 1461
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      17 CTGGCATCTGTGATC 1

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RESULT 887
AX738532
LOCUS AX738532
DEFINITION Sequence 4122 from Patent WO03025177.
ACCESSION AX738532
VERSION AX738532.1 GI:30517820
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4122 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 GATCAATGGAAGCTTCTG 844
DB 1 GATCCAGAGAACTTCTG 17

RESULT 888
AX738813
LOCUS AX738813
DEFINITION Sequence 4403 from Patent WO03025177.
ACCESSION AX738813
VERSION AX738813.1 GI:30518103
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4403 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1495 AGTAGTAAAGGCTC 1511
DB 17 AGTGTAAATGGATC 1

RESULT 889
AX739076
LOCUS AX739076
DEFINITION Sequence 4666 from Patent WO03025177.

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ACCESSION AX739076
VERSION AX739076.1 GI:30518373
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4666 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/db_xref="taxon:9606"
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 759 GATCCACCTCGTGACA 775
DB 1 GATCCACCTCGTGACA 17

RESULT 890
AX739222
LOCUS AX739222
DEFINITION Sequence 4812 from Patent WO03025177.
ACCESSION AX739222
VERSION AX739222.1 GI:30518519
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4812 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/db_xref="taxon:9606"
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Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1215 GAAGTGTCTGTGAAC 1231
DB 1 GATGTGCTCTGTGAAC 17

RESULT 891
AX739253
LOCUS AX739253
DEFINITION Sequence 4843 from Patent WO03025177.
ACCESSION AX739253
VERSION AX739253.1 GI:30518550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

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source
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT      3 a      6 c      2 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      243 GATCCTATGCTCTTCT 259
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Db      1 GATCCTATGCTCTATCT 17

RESULT 896
AX739732      17 bp      DNA      linear      PAT 08-MAY-2003
LOCUS      AX739732
DEFINITION      Sequence 5322 from Patent WO03025177.
ACCESSION      AX739732
VERSION      AX739732.1 GI:30519029
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1 Telerman, A., Amson, R. and Tildner, M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversal, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 5322 27-MAR-2003;
  Molecular Engines Laboratories (FR)
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  1. .17
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  /mol_type="genomic DNA"
  /db_xref="taxon:9606"

BASE COUNT      4 a      3 c      4 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      815 ATCACTGCAACATGATC 831
      |||||
Db      17 AGCAATGCTATGATC 1

RESULT 897
AX744178      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744178
DEFINITION      Sequence 143 from Patent WO03031621.
ACCESSION      AX744178
VERSION      AX744178.1 GI:30722845
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1 Zhang, J.
  A human G protein coupled receptor
  Patent: WO 03031621-A 143 17-APR-2003;
  Amersham Biosciences (SV) Corp. (US)
  Location/Qualifiers
  1. .17
  /organism="Homo sapiens"
  /mol_type="genomic DNA"
  /db_xref="taxon:9606"

BASE COUNT      2 a      4 c      7 g      4 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
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Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1412 TCCTGGCGCTGGCTGC 1428
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Db      1 TCCTGGGAATGGCTGC 17

RESULT 898
AX744275      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744275
DEFINITION      Sequence 240 from Patent WO03031621.
ACCESSION      AX744275
VERSION      AX744275.1 GI:30722942
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1 Zhang, J.
  A human G protein coupled receptor
  Patent: WO 03031621-A 240 17-APR-2003;
  Amersham Biosciences (SV) Corp. (US)
  Location/Qualifiers
  1. .17
  /organism="Homo sapiens"
  /mol_type="genomic DNA"
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BASE COUNT      5 a      5 c      4 g      3 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1163 AGAGGCAACATCCTTG 1179
      |||||
Db      1 AGAGGCCACACTCTATG 17

RESULT 899
AX744461      17 bp      DNA      linear      PAT 14-MAY-2003
LOCUS      AX744461
DEFINITION      Sequence 426 from Patent WO03031621.
ACCESSION      AX744461
VERSION      AX744461.1 GI:30723128
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1 Zhang, J.
  A human G protein coupled receptor
  Patent: WO 03031621-A 426 17-APR-2003;
  Amersham Biosciences (SV) Corp. (US)
  Location/Qualifiers
  1. .17
  /organism="Homo sapiens"
  /mol_type="genomic DNA"
  /db_xref="taxon:9606"

BASE COUNT      2 a      4 c      5 g      6 t

Query Match      0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      358 TCACGGCAACAAAGCAA 374
      |||||
Db      17 TCACGGCACTAAGCAA 1

RESULT 900
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AX745307/c
LOCUS AX745307 17 bp DNA linear PAT 14-MAY-2003
DEFINITION Sequence 1272 from Patent WO03031621.
ACCESSION AX745307
VERSION AX745307.1 GI:30723974
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang, J.
A human G protein coupled receptor
Patent: WO 03031621-A 1272 17-APR-2003;
JOURNAL Amer sham Biosciences (SV) Corp. (US)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 4 c 6 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 181 CAGCAGTCTCTTACGAA 197
17 CACCAAGTCTCTTACGAA 1
Db

RESULT 901
AX745314/c 17 bp DNA linear PAT 14-MAY-2003
LOCUS AX745314/c
DEFINITION Sequence 1279 from Patent WO03031621.
ACCESSION AX745314
VERSION AX745314.1 GI:30723981
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Zhang, J.
A human G protein coupled receptor
Patent: WO 03031621-A 1279 17-APR-2003;
JOURNAL Amer sham Biosciences (SV) Corp. (US)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 3 a 2 c 7 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 174 CATCAAGCAGCGTCC 190
17 CATTAACCAACGAGTCC 1
Db

RESULT 902
BD013474/c 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD013474/c
DEFINITION Diagnose kit of tubercle bacillus.
ACCESSION BD013474
VERSION BD013474.1 GI:2253788
KEYWORDS
SOURCE
ORGANISM Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;

Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
1 (bases 1 to 17)
REFERENCE
AUTHORS Suzuki, S., Nishida, M. and Takenishi, S.
TITLE Diagnose kit of tubercle bacillus
JOURNAL Patent: JP 2001103981-A 38 17-APR-2001;
COMMENT NISHINO IND INC. SYSTEM RESEARCH CO LTD
OS Mycobacterium tuberculosis
PN JP 2001103981-A/38
PD 17-APR-2001
PF 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAKENISHI PC
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, C12R1/32, PC
(C12Q1/68, C12R1/32), (C12Q1/68, C12R1/33), C12N15/00, C12N15/00 CC
capture
FH Key
FT source
1..17
Location/Qualifiers
FT source
1..17
/organism="Mycobacterium tuberculosis"
/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"
BASE COUNT 3 a 3 c 9 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 961 ACCTATCGCTTCGTGAC 977
17 ACCTATCGCTTCGTGAC 1
Db

RESULT 903
BD066905/c 17 bp DNA linear PAT 27-AUG-2002
LOCUS BD066905/c
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066905
VERSION BD066905.1 GI:22612508
KEYWORDS
SOURCE
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 17)
Schlimgensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 1540 07-AUG-2001;
JOURNAL BIOLOGISCHES INSTITUT FÜR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/1540
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLIMGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11, C07H21/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source
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/organism="Unknown"
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/mol_type="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
BASE COUNT 3 a 0 c 9 g 5 t
Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 700 CTCACCACTCCGAGTC 716
17 CTCACCACTCCGAGTC 716
Db

Db 17 CTCACGACTCTACAC 1

RESULT 904
BD067331/C 17 bp RNA linear PAT 27-AUG-2002

LOCUS BD067331 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

ACCESSION BD067331

VERSION JP 2001511003-A/171

KEYWORDS JP 2001511003-A/171.

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 171 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/171
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 4 c 5 g 5 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 330 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/330
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

RESULT 905
BD067490/C 17 bp RNA linear PAT 27-AUG-2002

LOCUS BD067490 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

ACCESSION BD067490

VERSION JP 2001511003-A/330

KEYWORDS JP 2001511003-A/330.

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 330 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/330
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 4 c 5 g 5 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 3 c 6 g 5 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Db 17 AGTCATCACTCCCA 1

RESULT 906
BD067523/C 17 bp RNA linear PAT 27-AUG-2002

LOCUS BD067523 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

ACCESSION BD067523

VERSION JP 2001511003-A/363

KEYWORDS JP 2001511003-A/363.

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 2 c 6 g 6 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 3 c 6 g 5 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
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REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

Query Match 0.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

BASE COUNT 3 a 3 c 6 g 5 t

FEATURES
source 1. .17
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 363 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/363
PD 07-AUG-2001
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI

LOCUS	BD067746	17 bp	RNA	linear	PAT 27-AUG-2002
DEFINITION	Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.				
ACCESSION	BD067746				
VERSION	BD067746.1	GI:22613349			
KEYWORDS	JP 2001511003-A/586.				
SOURCE	unidentified				
ORGANISM	unclassified.				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Akhtar,S., Fell,P. and Mcswiggen,J.A.				
TITLE	Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors				
JOURNAL	Patent: JP 2001511003-A 586 07-AUG-2001; RIBOZYME PHARMACEUTICALS INC,ASTON UNIV				
COMMENT	OS Unidentified PN JP 2001511003-A/586 PD 07-AUG-2001 PF 14-JUN-1998 JP 1998532913 PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC C12N9/00,C07K14/71 CC Strandedness: Single; CC Topology: linear; CC Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors				
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SOURCE	1..17	/organism='Unidentified'. /mol_type='genomic RNA' /db_xref='taxon:32644'			
BASE COUNT	3 a 3 c 5 g 6 t				
Query Match	0.9%;	Score 12.2;	DB 1;	Length 17;	
Best Local Similarity	82.4%;	Pred. No. 4.5e+02;			
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
Oy	647 AGTACTTCCAGCATG 663				
Db	1 AGTGGTTCCAGTCATG 17				
RESULT 908					
LOCUS	BD067753	17 bp	RNA	linear	PAT 27-AUG-2002
DEFINITION	Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.				
ACCESSION	BD067753				
VERSION	BD067753.1	GI:22613356			
KEYWORDS	JP 2001511003-A/593.				
SOURCE	unidentified				
ORGANISM	unclassified.				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Akhtar,S., Fell,P. and Mcswiggen,J.A.				
TITLE	Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors				
JOURNAL	Patent: JP 2001511003-A 593 07-AUG-2001; RIBOZYME PHARMACEUTICALS INC,ASTON UNIV				
COMMENT	OS Unidentified PN JP 2001511003-A/593 PD 07-AUG-2001 PF 14-JUN-1998 JP 1998532913 PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC C12N9/00,C07K14/71				

[illegible]

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCCATG 1215
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 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 911
 130755
 LOCUS 130755 17 bp DNA 11near PAT 06-FEB-1997
 DEFINITION Sequence 193 from patent US 5580971.
 ACCESSION 130755
 VERSION 130755.1 GI:1821546
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 912
 137512/c
 LOCUS 137512 17 bp DNA 11near PAT 13-MAY-1997
 DEFINITION Sequence 525 from patent US 5612215.
 ACCESSION 137512
 VERSION 137512.1 GI:2085472
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 299 AGATCCTGAGGCGCAG 315
 |||||
 Db 17 AGATCCTGAGGCGCAG 1

RESULT 913
 146197
 LOCUS 146197 17 bp DNA 11near PAT 07-OCT-1997
 DEFINITION Sequence 176 from patent US 5639612.
 ACCESSION 146197
 VERSION 146197.1 GI:2470162
 KEYWORDS
 SOURCE
 ORGANISM

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 BASE COUNT 3 a 6 c 5 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 914
 146214
 LOCUS 146214 17 bp DNA 11near PAT 07-OCT-1997
 DEFINITION Sequence 193 from patent US 5639612.
 ACCESSION 146214
 VERSION 146214.1 GI:2470179
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 BASE COUNT 4 a 6 c 4 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1199 TCACGGGAATCCCCATG 1215
 |||||
 Db 1 TCCTGGGAAGCCCCATG 17

RESULT 915
 153652
 LOCUS 153652 17 bp DNA 11near PAT 07-OCT-1997
 DEFINITION Sequence 1393 from patent US 5646042.
 ACCESSION 153652
 VERSION 153652.1 GI:2474855
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
 source
 BASE COUNT 2 a 8 c 2 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 652 TTTCAGGCGATTTCC 668

Db 1 TCTCCAGTCACGTTCC 17

RESULT 916

LOCUS 153676 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1417 from patent US 5646042.
 ACCESSION 153676
 VERSION 153676.1 GI:2474879
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1417 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 8 c 3 g 3 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 GGCTGACGACGTTGAC 801
 Db 17 GGCTGACGACGTTGAC 1

RESULT 917

LOCUS 153842 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1583 from patent US 5646042.
 ACCESSION 153842
 VERSION 153842.1 GI:2475045
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1583 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 7 c 3 g 4 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CATGACCTGAGTCA 541
 Db 1 CATGACCTGAGTCA 17

RESULT 918

LOCUS 153946 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1687 from patent US 5646042.
 ACCESSION 153946
 VERSION 153946.1 GI:2475149
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes

JOURNAL Patent: US 5646042-A 1687 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 6 a 5 c 4 g 2 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 486 CTTGCTTGGTCCG 502
 Db 17 CTTGCTTGGTCCG 1

RESULT 919

LOCUS 154238 17 bp DNA linear PAT 07-OCT-1997
 DEFINITION Sequence 1979 from patent US 5646042.
 ACCESSION 154238
 VERSION 154238.1 GI:2475441
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
 TITLE C-myb targeted ribozymes
 JOURNAL Patent: US 5646042-A 1979 08-JUL-1997;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 3 a 3 c 5 g 6 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GAGTCATGTGGGCTA 617
 Db 1 GAGTCATGTGGGCTA 17

RESULT 920

LOCUS 194362 17 bp DNA linear PAT 01-DEC-1998
 DEFINITION Sequence 525 from patent US 5731295.
 ACCESSION 194362
 VERSION 194362.1 GI:3938832
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)
 AUTHORS Draper,K.G., Pavco,P., McSwigen,J., Gustafson,J. and Stinchcomb,D.T.
 TITLE Method of reducing streptomycin RNA via ribozymes
 JOURNAL Patent: US 5731295-A 525 24-MAR-1998;
 FEATURES Location/Qualifiers
 source 1..17
 /organism="unknown"

BASE COUNT 2 a 7 c 3 g 5 t

Query Match 0.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 299 AGATCTGAAGGCGAG 315
 Db 17 AGATCTGAAGGCGAG 1

RESULT 921

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ARI89007/c
LOCUS ARI89007 18 bp DNA
DEFINITION Sequence 4495 from patent US 6346398.
ACCESSION ARI89007
VERSION ARI89007.1 GI:20234972
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 8 a 6 c 2 g 2 t
Query Match 0.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 795 GGTTGACTTCTGGCATT 811
Db 17 GGTTGCTCATCTGGCATT 1

RESULT 922
LOCUS AX688735/c 17 bp DNA
DEFINITION Sequence 1467 from Patent EPI281758.
ACCESSION AX688735
VERSION AX688735.1 GI:29411439
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 3 a 7 c 5 g 2 t
Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1064 GCACCTGCAGGT 1075
Db 13 GCACCTGCAGGT 2

RESULT 923
LOCUS AX736671/c 17 bp DNA
DEFINITION Sequence 2261 from Patent WO03025177.
ACCESSION AX736671
VERSION AX736671.1 GI:30515959
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

```

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AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 4 a 4 c 5 g 4 t
Query Match 0.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1523 AGGCATTGAG 1534
Db 15 AGGCATTGAG 4

RESULT 924
LOCUS AX688730/c 17 bp DNA
DEFINITION Sequence 1462 from Patent EPI281758.
ACCESSION AX688730
VERSION AX688730.1 GI:29411434
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
BASE COUNT 3 a 5 c 7 g 2 t
Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1065 CACCTGCAGGTTCAG 1079
Db 17 CACCTGCAGGTTCAG 3

RESULT 925
LOCUS AX532585 17 bp DNA
DEFINITION Sequence 2094 from Patent EP1239051.
ACCESSION AX532585
VERSION AX532585.1 GI:25256932
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

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BASE COUNT 5 a 7 c 3 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 CATCTGCCAAATCCG 1463
Db 3 CCTCTGCCAAATCCG 17

RESULT 926
LOCUS AX532586 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 2095 from Patent EP1239051.
ACCESSION AX532586
VERSION AX532586.1 GI:25256934
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 2095 11-SEP-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 8 c 3 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 CATCTGCCAAATCCG 1463
Db 2 CCTCTGCCAAATCCG 16

RESULT 927
LOCUS A67068 17 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 235 from Patent WO9740193.
ACCESSION A67068
VERSION A67068.1 GI:4538439
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 17)
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 235 30-OCT-1997;
INNOGENETICS NV (BE)
FEATURES
source location/Qualifiers
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

BASE COUNT 2 a 5 c 4 g 6 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1378 ATGCCCAAGGTATG 1392

Db 16 AACCCCAAGATGATG 2

RESULT 928
LOCUS AX498979 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 286 from Patent EP1229046.
ACCESSION AX498979
VERSION AX498979.1 GI:23381272
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 286 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 6 g 1 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 AGCAGATCCACCTC 768
Db 3 AGCAGATCCACCTC 17

RESULT 929
LOCUS AX498981 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 288 from Patent EP1229046.
ACCESSION AX498981
VERSION AX498981.1 GI:23381274
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 288 07-AUG-2002;
Neomica, Inc. (US)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 4 a 6 c 5 g 2 t

Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 AGCAGATCCACCTC 768
Db 1 AGCAGATCCACCTC 15

RESULT 930
LOCUS AX690464 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3196 from Patent EP1281758.
ACCESSION AX690464

VERSION AX690464.1 GI:29413345
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 3196 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 3 c 6 g 3 t
Query Match 0.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1163 AGAGGCACTCTCT 1177
DB 2 AGAGGCACTCTCT 16
RESULT 931
AR067361/c 18 bp DNA 11linear PAT 29-SEP-1999
LOCUS AR067361
DEFINITION Sequence 709 from patent US 5851760.
ACCESSION AR067361
VERSION AR067361.1 GI:5998583
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Evans, G.A. and Smith, M.W.
TITLE Method for generation of sequence sampled maps of complex genomes
JOURNAL Patent: US 5851760-A 709 22-DEC-1998;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
BASE COUNT 0 a 8 c 3 g 7 t
Query Match 0.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 746 AGACATGACGAGA 760
DB 16 AGACATGACGAGA 2
RESULT 932
AR092048 31 bp DNA 11linear PAT 08-SEP-2000
LOCUS AR092048
DEFINITION Sequence 72 from patent US 5998141.
ACCESSION AR092048
VERSION AR092048.1 GI:10018802
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 72 07-DEC-1999;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"

BASE COUNT 7 a 6 c 12 g 6 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
DB 11 GGTCGGCGGTGATGAG 28
RESULT 933
AR092050 31 bp DNA 11linear PAT 08-SEP-2000
LOCUS AR092050/c
DEFINITION Sequence 74 from patent US 5998141.
ACCESSION AR092050
VERSION AR092050.1 GI:10018804
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 74 07-DEC-1999;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 6 a 12 c 6 g 7 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
DB 21 GGTCGGCGGTGATGAG 4
RESULT 934
AR112183 31 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR112183
DEFINITION Sequence 72 from patent US 6130041.
ACCESSION AR112183
VERSION AR112183.1 GI:14092083
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 72 10-OCT-2000;
FEATURES
source Location/Qualifiers
1..31
/organism="unknown"
BASE COUNT 7 a 6 c 12 g 6 t
Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 496 GGTCGGCGGTGATGATG 513
DB 11 GGTCGGCGGTGATGAG 28
RESULT 935
AR112185 31 bp DNA 11linear PAT 16-MAY-2001
LOCUS AR112185/c
DEFINITION Sequence 74 from patent US 6130041.
ACCESSION AR112185

VERSION AR112185.1 GI:14092085
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 31)
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 74 10-OCT-2000;
Location/Qualifiers
source 1..31
BASE COUNT 6 a 12 c 6 g 7 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGATG 513
DB 21 GGTGCGCGGTGATGAG 4

RESULT 936
LOCUS AR149225 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 72 from patent US 6228581.
ACCESSION AR149225
VERSION AR149225.1 GI:15113816
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 31)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 72 08-MAY-2001;
Location/Qualifiers
source 1..31
BASE COUNT 7 a 6 c 12 g 6 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGATG 513
DB 11 GGTGCGCGGTGATGAG 28

RESULT 937
LOCUS AR149227/c 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 74 from patent US 6228581.
ACCESSION AR149227
VERSION AR149227.1 GI:15113818
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 31)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 74 08-MAY-2001;
Location/Qualifiers
source 1..31
BASE COUNT 6 a 12 c 6 g 7 t

Query Match 0.8%; Score 11.6; DB 1; Length 31;
Best Local Similarity 77.8%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 496 GGTGCGCGGTGATGATG 513
DB 21 GGTGCGCGGTGATGAG 4

RESULT 938
LOCUS AR112204/c 34 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 93 from patent US 6130041.
ACCESSION AR112204
VERSION AR112204.1 GI:14092104
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 34)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6130041-A 93 10-OCT-2000;
Location/Qualifiers
source 1..34
BASE COUNT 4 a 15 c 3 g 12 t

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 498 TGCGCGGTGATGATGAGATGAGC 523
DB 30 TGAGGAGTGAAGATGAGAGAGAAC 5

RESULT 939
LOCUS AR149246/c 34 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 93 from patent US 6228581.
ACCESSION AR149246
VERSION AR149246.1 GI:15113837
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 34)
TITLE Action, S.L. and Ordovas, J.M.
Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL
FEATURES Patent: US 6228581-A 93 08-MAY-2001;
Location/Qualifiers
source 1..34
BASE COUNT 4 a 15 c 3 g 12 t

Query Match 0.8%; Score 11.6; DB 1; Length 34;
Best Local Similarity 65.4%; Pred. No. 9.6e+02;
Matches 17; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 498 TGCGCGGTGATGATGAGATGAGC 523
DB 30 TGAGGAGTGAAGATGAGAGAGAAC 5

RESULT 940
LOCUS AR142908 22 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 4 from patent US 6204024.
ACCESSION AR142908
VERSION AR142908.1 GI:15104194

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Romano, J.W. and Lee, E.M.
TITLE CCRS RNA transcription based amplification assay
JOURNAL Patent: US 6204024-A 4 20-MAR-2001;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
BASE COUNT 6 a 9 c 7 g 0 t
Query Match 0.8%; Score 11.4; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 9, 1e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 1063 AGCAGCTGAGGTTGAGTGGC 1083
Db 1 AGCAGCGGAGGAGCCAGCCCC 21
RESULT 941
LOCUS AR092044 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 68 from patent US 5998141.
ACCESSION AR092044
VERSION AR092044.1 GI:10018798
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 68 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t
Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 3 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 31
RESULT 942
LOCUS AR092046/c 31 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 70 from patent US 5998141.
ACCESSION AR092046
VERSION AR092046.1 GI:10018800
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 5998141-A 70 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t
Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 29 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 1
RESULT 943
LOCUS AR112179 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 68 from patent US 6130041.
ACCESSION AR112179
VERSION AR112179.1 GI:14092079
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 68 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t
Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 3 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 31
RESULT 944
LOCUS AR112181/c 31 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 70 from patent US 6130041.
ACCESSION AR112181
VERSION AR112181.1 GI:14092081
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6130041-A 70 10-OCT-2000;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t
Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 480 CAACATCTGCTGCTGGGCGCGGTGA 508
Db 29 CCAGAACCGGCTCAGCGTTGAGGAAGTGA 1
RESULT 945
LOCUS AR149221 31 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 68 from patent US 6228561.
ACCESSION AR149221
VERSION AR149221.1 GI:15113812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton, S. Laurene.
TITLE Intronic and polymorphic SR-BI nucleic acids and uses therefor
JOURNAL Patent: US 6228561-A 68 08-AUG-2001;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"

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REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLES Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 68 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 8 a 6 c 12 g 5 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGTTGGTGGCGCGGTGA 508
Db 3 CCAGAACCGGTCAGCGTTGAGGAAGTGA 31

RESULT 946
AR149223/c AR149223 31 bp DNA 11near PAT 08-AUG-2001
LOCUS Sequence 70 from patent US 6228581.
DEFINITION AR149223
ACCESSION AR149223
VERSION AR149223.1 GI:15113814
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 31)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLES Human intronic and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 70 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..31
/organism="unknown"
BASE COUNT 5 a 12 c 6 g 8 t

Query Match 0.8%; Score 11.4; DB 1; Length 31;
Best Local Similarity 62.1%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 480 CAACATCTGTTGGTGGCGCGGTGA 508
Db 29 CCAGAACCGGTCAGCGTTGAGGAAGTGA 1

RESULT 947
AX579547 AX579547 17 bp mRNA 11near PAT 10-JAN-2003
LOCUS Sequence 1385 from Patent WO0211674.
DEFINITION AX579547
ACCESSION AX579547
VERSION AX579547.1 GI:27648749
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLES Thompson,J., Mcswigen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
and Grupe,A.
JOURNAL Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
Patent: WO 0211674-A 1385 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) Llc (US) ;
Thompson, James (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 2 a 2 c 5 g 8 t

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Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1301 TGCCGCTGCTTCGTT 1316
Db 2 TGCTGATGTTCTGTT 17

RESULT 948
AX421784 AX421784 17 bp mRNA 11near PAT 18-JUN-2002
LOCUS Sequence 120 from Patent WO0188124.
DEFINITION AX421784
ACCESSION AX421784
VERSION AX421784.1 GI:21252166
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLES Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
Randi,A.M.
JOURNAL Method and reagent for the inhibition of erg
Patent: WO 0188124-A 120 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 5 a 8 c 0 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 AACATCAGCTTCACA 388
Db 2 ACCATCTCTTCACA 17

RESULT 949
AX422401 AX422401 17 bp mRNA 11near PAT 18-JUN-2002
LOCUS Sequence 737 from Patent WO0188124.
DEFINITION AX422401
ACCESSION AX422401
VERSION AX422401.1 GI:21252783
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., McLaughlin,F.G. and
Randi,A.M.
JOURNAL Method and reagent for the inhibition of erg
Patent: WO 0188124-A 737 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
BASE COUNT 4 a 8 c 1 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 AACATCAGCTTCACA 388
Db 1 ||||| ||||| |||||

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Db 1 ACCATCTCTTCCACA 16

RESULT 950
LOCUS AX499159/c 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 466 from Patent EP1229046.
ACCESSION AX499159
VERSION AX499159.1 GI:23381452
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 466 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 1 a 9 c 3 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 321 GCAGGTGCGGAGCGC 336
Db 16 GAAGTGGCGGACAGC 1

RESULT 951
LOCUS AX732254 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3888 from Patent WO03025175.
ACCESSION AX732254
VERSION AX732254.1 GI:30511597
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3888 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

BASE COUNT 6 a 5 c 5 g 1 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 286 ATGAACCCGAGGAGA 301
Db 2 ATCAACACGAGGAGA 17

RESULT 952
LOCUS AX216107/c 17 bp mRNA linear PAT 07-SEP-2001
DEFINITION Sequence 1549 from Patent WO0159103.

ACCESSION AX216107 GI:15526150
VERSION AX216107.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Blatt, L., McSwiggen, J. and Chowrita, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 1549 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrita, Bharat M. (US)
FEATURES
source location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="mRNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

BASE COUNT 5 a 6 c 4 g 2 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1295 TGTCTCTGCGCGTCT 1310
Db 17 TATGCTGAGCTGCT 2

RESULT 953
LOCUS AX272900/c 17 bp mRNA linear PAT 29-OCT-2001
DEFINITION Sequence 469 from Patent WO0162911.
ACCESSION AX272900
VERSION AX272900.1 GI:16545637
KEYWORDS
ORGANISM Homo sapiens (human)
SOURCE Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS Jarvis, T., von Carlwiltz, I., McSwiggen, J.A., Hamblin, P.A. and
Ellis, J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 469 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

BASE COUNT 3 a 8 c 4 g 2 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 GGTCTTGAGTGGCGG 504
Db 16 GGTCAATGGGTGCCAGC 1

RESULT 954
LOCUS AX672104 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 549 from Patent WO03004526.
ACCESSION AX672104
VERSION AX672104.1 GI:29330452
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Euthera; Primates; Catarrhini; Hominiidae; Homo.
 AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
 JOURNAL Patent: WO 03004526-A 549 16-JUN-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCACCCTGCAGGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 955
 LOCUS AX724702 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 2389 from Patent WO03025176.
 ACCESSION AX724702
 VERSION AX724702.1 GI:30504045
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 BUKARYOTA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025176-A 2389 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 3 a 5 c 4 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1373 TGTGATGCCAAGT 1388
 DB 17 TGTGATGCCAAGT 2

RESULT 956
 LOCUS AX727031 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 4718 from Patent WO03025176.
 ACCESSION AX727031
 VERSION AX727031.1 GI:30506374
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 BUKARYOTA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as

JOURNAL medicines
 Patent: WO 03025176-A 4718 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCACCCTGCAGGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 957
 LOCUS AX733872 17 bp DNA linear PAT 08-MAY-2003
 DEFINITION Sequence 5506 from Patent WO03025175.
 ACCESSION AX733872
 VERSION AX733872.1 GI:30513215
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM
 BUKARYOTA; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euthera; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE 1 Telerman, A., Amson, R. and Tuijinder, M.
 AUTHORS Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
 JOURNAL Patent: WO 03025175-A 5506 27-MAR-2003;
 FEATURES Molecular Engines Laboratories (FR)
 SOURCE Location/Qualifiers
 1.17
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 5 a 3 c 5 g 4 t

Query Match 0.8%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 6.1e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1063 AGCACCCTGCAGGTTCA 1078
 DB 2 ATCAGCTGAGGTTCA 17

RESULT 958
 LOCUS AR013910 18 bp DNA linear PAT 05-DEC-1998
 DEFINITION Sequence 112 from patent US 5773218.
 ACCESSION AR013910
 VERSION AR013910.1 GI:3971364
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 REFERENCES 1 (bases 1 to 18)
 AUTHORS Gallatin, W. Michael, and Vazquez, R.
 TITLE Method to identify compounds which modulate ICM-related protein interactions
 JOURNAL Patent: US 5773218-A 112 30-JUN-1998;
 FEATURES Location/Qualifiers
 1.18
 /organism="unknown"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"

BASE COUNT 3 a 1 c 7 g 7 t

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Query Match      0.8%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 434 AGCCCTCCAAGTCCA 443
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Db 16 AGCCTTCAAACTCCA 1

RESULT	959		
	AR033864/c		
LOCUS	AR033864	18 bp	DNA
DEFINITION	Sequence 112 from patent US 5869262.		linear
ACCESSION	AR033864		
VERSION	AR033864.1	GI:5949469	
KEYWORDS			
SOURCE	Unknown.		

Query Match	0.8%	Score 11.2	DB 1	Length 18
Best Local Similarity	81.2%	Pred. No. 6.9e+02		
Matches 13, Conservative	0	Mismatches 3	Indels 0	Gaps 0

Oy	434	AGCCCTCCAA	GTCCA	445
Db	16	AGCCTTCAAA	CTCCA	1

RESULT	960		
AR042524/c			
LOCUS	AR042524	18 bp	DNA
DEFINITION	Sequence 112 from patent US 5811517.		linear
ACCESSION	AR042524		
VERSION	AR042524.1	GI:5963020	

Query Match	0.8%	Score 11.2	DB 1	Length 16
Best Local Similarity	81.2%	Pred. No. 6.9e+02		
Matches 13, Conservative	0	Mismatches 3	Indels 0	Gaps 0

QY	434	AGCCCTCCAAGTCCA	449
Db	16	AGCCTCAAACTCCA	1

RESULT 961	AR058404/c	AR058404	18 bp	DNA	1linear	PAT 29-SEP-1999
LOCUS	Sequence 112 from patent US 5837822.					
DEFINITION	AR058404					
ACCESSION	AR058404.1	GI:5983981				
VERSION						
KEYWORDS						

SOURCE	Unknown.
ORGANISM	Unknown.
REFERENCE	Unclassified.
AUTHORS	1 (bases 1 to 18)
TITLE	Gallatin,W,Michael. and Vazeux,R.
JOURNAL	Humanised antibodies specific for ICAM related protein
FEATURES	Patent: US 5837822-A 112 17-NOV-1998;
	location/Qualifiers
	1
	18

Query Match	0.8†	Score 11.2;	DB 1;	Length 18;
Best Local Similarity	81.2†	Pred. No. 6.9e+02;		
Matches 13; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY	434	AGCCCTCCAAGTCCCA	449
Db	16	AGCCTCAAACTCCCA	1

RESULT	962		
AR088230/c			
LOCUS	AR088230	18 bp	DNA
DEFINITION	Sequence 112 from patent US 5989843.		linear
ACCESSION	AR088230		
VERSION	AR088230.1	GI:10014993	

Query Match	0.8†	Score 11.2;	DB 1;	Length 18;
Best Local Similarity	81.2†	Pred. No.6.9e+02;		
Matches 13; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

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Qy      434 AGCCCTCCAAGTCCA 449
          |||||
Db      16 AGCCTTCAAACTCCA 1

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	RESULT_963				
	AR092047				
	LOCUS	AE092047	20 bp	DNA	linear
	DEFINITION	Sequence	71 from patent US 598241.		
	ACCESSION	AR092047			
	VERSION	AR092047.1	GI:1001801		

Query Match	0.81	Score	11.2	DB	1	Length	20
Best Local Similarity	81.21	Pred. No.	8.3e+02				
Matches	13	Conservative	0	Mismatches	3	Indels	0
						Gaps	0

OY	496	GGTGGCGGCTGATGA	511
Db	5	GGGTCCGCCTTGATCA	20
RESULT 964	AR092049/c	Sequence 73 from patent US 598141.	20 bp DNA linear PAT 08-SEP-2000
LOCUS	AR092049/c		
DEFINITION	Sequence 73 from patent US 598141.		
ACCESSION	AR092049		
VERSION	AR092049.1	GI:10018803	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 20)		
TITLE	Acton,S.Laurence.		
JOURNAL	Introncic and polymorphic SR-BI nucleic acids and uses therefor		
FEATURES	Patent: US 598141-A 73 07-DEC-1999;		
source	Location/Qualifiers 1..20		
BASE COUNT	4 a 4 c 4 g 4 t		
Query Match	0.8%; Score 11.2; DB 1; Length 20;		
Best Local Similarity	81.2%; Pred.No. 8.3e+02;		
Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
OY	496	GGTGGCGGCTGATGA	511
Db	16	GGGTCCGCCTTGATCA	1
RESULT 965	AR112182	Sequence 71 from patent US 6130041.	20 bp DNA linear PAT 16-MAY-2001
LOCUS	AR112182		
DEFINITION	Sequence 71 from patent US 6130041.		
ACCESSION	AR112182		
VERSION	AR112182.1	GI:14092082	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 20)		
TITLE	Acton,S.Laurence.		
JOURNAL	Human intronic and polymorphic SR-BI nucleic acids and uses therefor		
FEATURES	Patent: US 6130041-A 71 10-OCT-2000;		
source	Location/Qualifiers 1..20		
BASE COUNT	4 a /organism="unknown" 4 c 8 g 4 t		
Query Match	0.8%; Score 11.2; DB 1; Length 20;		
Best Local Similarity	81.2%; Pred.No. 8.3e+02;		
Matches	13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
OY	496	GGTGGCGGCTGATGA	511
Db	5	GGGTCCGCCTTGATCA	20
RESULT 966	AR112184/c	Sequence 73 from patent US 6130041.	20 bp DNA linear PAT 16-MAY-2001
LOCUS	AR112184/c		
DEFINITION	Sequence 73 from patent US 6130041.		
ACCESSION	AR112184		
VERSION	AR112184.1	GI:14092084	
KEYWORDS	.		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
1 (bases 1 to 20)			

AUTHORS										Acton, S.Laurence.									
TITLES										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
JOURNAL										Patent: US 6130041-A 73 10-OCT-2000;									
FEATURES										Location/Qualifiers									
source										1..20									
BASE COUNT										4 a 4 b 8 c 4 g 4 t									
Query Match										0.8%; Score 11.2; DB 1; Length 20;									
Best Local Similarity										81.2%; Pred. No. 8.3e+02;									
Matches 13; Conservative										0; Mismatches 3; Indels 0; Gaps 0;									
Qy										496 GGTCGGCGGCTGATGA 511									
Db										16 GGCTCGCGCTTGATGA 1									
RESULT 967																			
LOCUS										AR149224 20 bp DNA linear PAT 08-AUG-2001									
DEFINITION										Sequence 71 from patent US 6228581.									
ACCESSION										AR149224									
VERSION										AR149224.1 GI:15113815									
KEYWORDS																			
SOURCE										Unknown.									
ORGANISM										Unknown.									
REFERENCE										1 (bases 1 to 20)									
AUTHORS										Acton,S.L. and Ordovas,J.M.									
TITLE										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
JOURNAL										Patent: US 6228581-A 71 08-MAY-2001;									
FEATURES										Location/Qualifiers									
source										1..20									
BASE COUNT										4 a 4 b 8 c 4 t									
Query Match										0.8%; Score 11.2; DB 1; Length 20;									
Best Local Similarity										81.2%; Pred. No. 8.3e+02;									
Matches 13; Conservative										0; Mismatches 3; Indels 0; Gaps 0;									
Qy										496 GGTCGGCGGCTGATGA 511									
Db										5 GGCTCGCGCTTGATGA 20									
RESULT 968																			
LOCUS										AR149226 20 bp DNA linear PAT 08-AUG-2001									
DEFINITION										Sequence 73 from patent US 6228581.									
ACCESSION										AR149226									
VERSION										AR149226.1 GI:15113817									
KEYWORDS																			
SOURCE										Unknown.									
ORGANISM										Unknown.									
REFERENCE										Unclassified.									
AUTHORS										1 (bases 1 to 20)									
TITLE										Acton,S.L. and Ordovas,J.M.									
JOURNAL										Human intronic and polymorphic SR-BI nucleic acids and uses thereof									
FEATURES										Patent: US 6228581-A 73 08-MAY-2001;									
source										Location/Qualifiers									
BASE COUNT										4 a 4 b 8 c 4 t									
Query Match										0.8%; Score 11.2; DB 1; Length 20;									
Best Local Similarity										81.2%; Pred. No. 8.3e+02;									
Matches 13; Conservative										0; Mismatches 3; Indels 0; Gaps 0;									
Qy										496 GGTCGGCGGCTGATGA 511									
Db										16 GGCTCGCGCTTGATGA 1									

Db 16 GGGTCGGCGTGTATGA 1

RESULT 969
AR243442/C
LOCUS AR243442 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 235 from patent US 6475789.
ACCESSION AR243442
VERSION AR243442.1 GI:27290653
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit: diagnostic and therapeutic
methods
JOURNAL Patent: US 6475789-A 235 05-NOV-2002;
FEATURES
source Location/Qualifiers
BASE COUNT 1 a 8 c 7 g 5 t
Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 970
BD011172/C
LOCUS BD011172 21 bp DNA linear PAT 31-JAN-2002
DEFINITION Human telomerase catalytic subunit.
ACCESSION BD011172
VERSION BD011172.1 GI:18639545
KEYWORDS JP 2001081042-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B.,
Harley,C.B. and Andrews,W.H.
TITLE Human telomerase catalytic subunit
JOURNAL Patent: JP 2001081042-A 129 27-MAR-2001;
COMMENT Geron Corp, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A/129
PD 27-MAR-2001
PR 01-OCT-1996 US 08/724643, 18-APR-1997 US 08/844419 PR
25-APR-1997 US 08/846017, 06-MAY-1997 US 08/851843 PR
09-MAY-1997 US 08/854050, 14-AUG-1997 US 08/911312 PR
14-AUG-1997 US 08/912951, 14-AUG-1997 US 08/915503 PI THOMAS
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
PC C07K5/10,
PC C07K5/107, C07K5/117, C07K7/06, C07K7/08, C07K16/40, C12N9/12, PC
C12N15/09,
PC C1201/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, PC
G01N33/53,
PC G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00 CC
Strandedness: Single;
CC Topology: linear;
FH Key Location/Qualifiers
FT source 1. 21
FT source /organism='unidentified'.
FT Location/Qualifiers

FEATURES

source 1. 21
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 971
E36921/C
LOCUS E36921 21 bp DNA linear PAT 18-JUN-2001
DEFINITION Human telomerase catalytic subunit promoter.
ACCESSION E36921
VERSION E36921.1 GI:13022884
KEYWORDS JP 199253177-A/129.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M.,
Calvin,B.H. and William,H.A.
TITLE Human telomerase catalytic subunit promoter
JOURNAL Patent: JP 199253177-A 129 21-SEP-1999;
COMMENT JERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 199253177-A/129
PD 21-SEP-1999
PR 15-OCT-1998 JP 1998320169
PR 01-OCT-1998 US 08/724,643, 18-APR-1997 US 08/844,419, PR
25-APR-1997 US 08/846,017, 06-MAY-1997 US 08/851,843, PR
09-MAY-1997 US 08/854,050, 14-AUG-1997 US 08/911,312, PR
14-AUG-1997 US 08/912,951, 14-AUG-1997 US 08/915,503 PI THOMAS
R SECHI, JOACHIMU RINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI GREG B
MORIN,
PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
PC C12Q1/02,
PC C12Q1/48, C12Q1/68, G01N33/15, G01N33/48, G01N33/50//C07K14/47, PC
C07K16/40,
PC C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, C12N1/19, PC
C12R1/84),
PC (C12N1/21, C12R1/19), (C12N9/12, C12R1/19), (C12N9/12, C12R1/84),
PC (C12N9/12, C12R1/91), C12N15/00, A61K37/64, C12N5/00 CC
Strandedness: Single;
CC Topology: linear;
FH Key Location/Qualifiers
FT source 1. 21
FT source /organism='unidentified'.
FT Location/Qualifiers

FEATURES

source 1. 21
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

BASE COUNT 1 a 8 c 7 g 5 t

Query Match 0.8%; Score 11.2; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 8.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1575 TGTGCTGCAGAGCA 1590
18 TGGCAGCAGAGCA 3

RESULT 972
BD178528/C

LOCUS BD178528 15 bp DNA linear PAT 16-APR-2003
 DEFINITION Method of detecting nucleic acid relating to disease.
 ACCESSION BD178528
 VERSION BD178528.1 GI:30015794
 KEYWORDS WO 02077281-A/34.
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.
 REFERENCE 1 (bases 1 to 15)
 AUTHORS Hashimoto, K., Hashimoto, M., Mishiro, S. and Ota, Y.
 TITLE Method of detecting nucleic acid relating to disease
 JOURNAL Patent: WO 02077281-A 34 03-OCT-2002;
 TOSHIBA CORP, KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO,
 YASUHIKO OTA
 ORGANISM
 COMMENT OS Hepatitis virus (hepatitis C virus)
 PN WO 02077281-A/34
 PD 03-OCT-2002
 PF 05-MAR-2002 WO 20023002030
 PR 27-MAR-2001 JP 01P 090053, 18-SEP-2001 JP 01P 284112, PI
 KOJI HASHIMOTO, MICHIE HASHIMOTO, SHUNJI MISHIRO, YASUHIKO OTA PC
 C12Q1/68, C12N15/09, C12M1/00, G01N33/53, G01N33/543, G01N33/566, PC
 G01N33/576,
 PC G01N37/00
 CC Method of detecting nucleic acid relating to disease FH Key
 Location/Qualifiers
 FT source 1..15
 Location/Qualifiers
 source 1..15
 /organism="Hepatitis virus (hepatitis C virus)"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"
 5 a 3 c 6 g 1 t

Query Match 0.8%; Score 11; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.9e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 CGCCCTTCATG 867
 DB 12 CGCCCTTCATG 2

RESULT 973
 AK673440 17 bp DNA linear PAT 27-MAR-2003
 LOCUS AK673440
 DEFINITION Sequence 1885 from Patent WO03004526.
 ACCESSION AK673440
 VERSION AK673440.1 GI:29331788
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 REFERENCE 1
 AUTHORS Telemann, A., Amson, R. and Thijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 JOURNAL Patent: WO 03004526-A 1885 16-JAN-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source 1..17
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 3 a 4 c 4 g 6 t

Query Match 0.8%; Score 11; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 6.5e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1430 TCCTGCTGCTG 1440
 DB 3 TCCTGCTGCTG 13

RESULT 974
 AX723241 17 bp DNA linear PAT 08-MAY-2003
 LOCUS AX723241
 DEFINITION Sequence 928 from Patent WO03025176.
 ACCESSION AX723241
 VERSION AX723241.1 GI:30423742
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1
 AUTHORS Telemann, A., Amson, R. and Thijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or virus resistance and their use as
 medicines
 JOURNAL Patent: WO 03025176-A 928 27-MAR-2003;
 Molecular Engines Laboratories (FR)
 FEATURES
 source 1..17
 Location/Qualifiers
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 7 a 4 c 5 g 1 t

Query Match 0.8%; Score 11; DB 1; Length 17;
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 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 358 TCCAGGCACCA 368
 DB 3 TCCAGGCACCA 13

RESULT 975
 BD089355 19 bp DNA linear PAT 27-AUG-2002
 LOCUS BD089355
 DEFINITION A method of arraying genome clone.
 ACCESSION BD089355
 VERSION BD089355.1 GI:22634965
 KEYWORDS JP 2001321190-A/1599.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Soeda, R.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1599 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
 GENOTEC
 OS Artificial Sequence
 PN JP 2001321190-A/1599
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI RITCHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence: Synthetic DNA FH Key
 Location/Qualifiers
 FT source 1..19
 Location/Qualifiers
 /organism="Artificial Sequence".
 4 a 7 c 4 g 4 t

Query Match 0.8%; Score 11; DB 1; Length 19;
 Best Local Similarity 73.7%; Pred. No. 8e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 235 TGGAGAGATCCTCATCC 253
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 1 TGGAGAGATCCTCCATCC 19

RESULT 976
 AB068582 19 bp DNA linear SYN 21-MAY-2003
 DEFINITION Synthetic construct DNA, forward primer for human STS sts-R369A24F
 at 1p36.
 AB068582
 ACCESSION AB068582.1 GI:15129386
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 1
 Chen, Y. Z., Hayashi, Y., Wu, J. G., Takeoka, E., Makawa, K.,
 Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
 Morishashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
 and Soeda, E.
 A BAC-based STS-content map spanning a 35-Mb region of human
 chromosome 74 (1), 55-70 (2001)
 JOURNAL
 MEDLINE 21269192
 PUBMED 11374902
 REFERENCE 2 (bases 1 to 19)
 AUTHORS Horii, A.
 TITLE Direct Submission
 JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
 Medicine, Molecular Pathology; 2-1 Setiyomachi, Aoba-ku, Sendai,
 Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
 Tel: 81-22-717-8042, Fax: 81-22-717-8047)
 FEATURES
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 1. 19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 misc_feature
 1. 19
 /note="forward primer for human STS sts-R369A24F at 1p36
 sts-R369A24F obtained from clones B9G2, B369A24, Human BAC
 library RPCI-11"
 library RPCI-11"
 BASE COUNT 4 a 7 c 4 g 4 t

Query Match 0.8%; Score 11; DB 1; Length 19;
 Best Local Similarity 73.7%; Pred. No. 8e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 235 TGGAGAGATCCTCATCC 253
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 1 TGGAGAGATCCTCCATCC 19

RESULT 977
 AX114458 20 bp DNA linear PAT 11-MAY-2001
 DEFINITION Sequence 127 from Patent WO0129257.
 AX114458
 ACCESSION AX114458
 VERSION AX114458.1 GI:14031422
 KEYWORDS
 SOURCE
 ORGANISM
 Homo sapiens (human)
 Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE
 AUTHORS Schork, N. and Skierczynski, B.
 TITLE Methods of genetic cluster analysis and use thereof
 JOURNAL Patent: WO 0129257-A 127 26-APR-2001;

GENSET (PR)
 FEATURES
 source
 1. 20
 /organism="Homo sapiens"
 /mol_type="genomic DNA"
 /db_xref="taxon:9606"
 primer_bind
 1. 20
 /note="downstream amplification primer 10-102 for SEQ 1,
 in complement"

BASE COUNT 9 a 2 c 8 g 1 t

Query Match 0.8%; Score 11; DB 1; Length 20;
 Best Local Similarity 73.7%; Pred. No. 8.7e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1492 AGTAGTGTAAAAAGGCT 1510
 ||||| ||||| |||||
 1 AGGAGAGAAACAAAGGCT 19

RESULT 978
 BD178851/c 20 bp DNA linear PAT 16-APR-2003
 LOCUS BD178851/c
 DEFINITION Gene panel for genes involving liver regeneration.
 BD178851
 ACCESSION BD178851.1 GI:30016118
 VERSION
 KEYWORDS WO 02077222-A/189.
 SOURCE
 ORGANISM
 REFERENCE
 AUTHORS
 1 (bases 1 to 20)
 Yokoyama, P., Okutsu, T., Mori, M., Yoshiyuki, Takahara, Fukuda, H.,
 Aburatani, H. and Sonaka, I.
 Gene panel for genes involving liver regeneration
 JOURNAL Patent: WO 02077222-A 189 03-OCT-2002;
 AJINOMOTO CO INC, FUMIHIKO YOKOYA, TOMOHIISA OKUTSU, MAIKO MORI,
 YOSHIYUKI TAKAHARA, HISAO FUKUDA, HIROYUKI ABURATANI, ICHIRO SONAKA
 OS Artificial Sequence
 PN WO 02077222-A/189
 PD 03-OCT-2002
 EP 13-MAR-2002 WO 2002JP002372
 PR 13-MAR-2001 JP OIP 070940
 PI FUMIHIKO YOKOYA, TOMOHIISA OKUTSU, MAIKO MORI, YOSHIYUKI PI
 TAKAHARA, HISAO FUKUDA,
 PI HIROYUKI ABURATANI, ICHIRO SONAKA
 PC G12N15/09, G12O1/68, G01N33/15, G01N33/50, G01N37/00 CC
 Description of Artificial Sequence: primer
 FH Key
 FT source
 1. 20
 /organism="Artificial Sequence".
 Location/Qualifiers
 1. 20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

BASE COUNT 3 a 4 c 6 g 7 t

Query Match 0.8%; Score 11; DB 1; Length 20;
 Best Local Similarity 73.7%; Pred. No. 8.7e+02;
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 224 CCTTCAACATGCGAAGA 242
 ||||| ||||| |||||
 20 CCTTCAACAGCTGAAGAA 2

RESULT 979
 S65223/c 15 bp mRNA linear PRI 07-MAY-1993
 LOCUS S65223/c
 DEFINITION arylsulfinase B (ASB) [human, mRNA Partial Mutant, 15 nt].
 S65223
 ACCESSION S65223
 VERSION S65223.1 GI:238983
 KEYWORDS

SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo. 1 (bases 1 to 15)
AUTHORS	Wicker,G., Prill,V., Brooks,D., Gibson,G., Hopwood,J., von Figura,K. and Peters,C.
TITLE	Mucopolysaccharidosis VI (Maroteaux-Lamy syndrome). An intermediate clinical phenotype caused by substitution of valine for glycine at position 137 of arylsulphatase B
JOURNAL	U. Biol. Chem. 266 (32), 21386-21391 (1991)
MEDLINE	92042029
PUBMED	1718978
REMARK	Genbank stacc at the National Library of Medicine created this entry [NCBI g13beg 65223] from the original journal article.
COMMENT	This sequence comes from Fig. 2. G-to-A point mutation at nt #1126 changes a.a. #376 from Val to Met.
FEATURES	
source	Location/Qualifiers 1..15 /organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9606"
gene	1..15 /partial /gene="arylsulfatase B (ASB)"
BASE COUNT	5 a 10 g 4 t 2 c 4 t
Query Match	0.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. No. 5,2e+02;
Matches	12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	226 TTCACATCTGCAA 239 14 TTCACATCTGCAA 1
Db	

Search completed: December 17, 2003, 10:56:58
Job time : 19 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 17, 2003, 11:04:39 / Search time 12 Seconds

(without alignments)
3.294 Million cell updates/sec

Title: us-10-024-396-3

Perfect score: 1426
Sequence: 1 tcgtcctcagcagcagcagcgtc.....ctgtcctcagcagcagcagcagc 1426

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 760 seqs, 13859 residues

Total number of hits satisfying chosen parameters: 1520

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 817 summaries

Database : rng.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32.4	2.3	34	1	Human SR-BI gene e
2	32.4	2.3	34	1	Human SR-BI gene e
3	30	2.1	30	1	Human cell-surface
4	29.4	2.1	31	1	Human SR-BI gene e
5	29.4	2.1	31	1	Human SR-BI gene e
6	29.4	2.1	31	1	Human SR-BI gene e
7	29.4	2.1	31	1	Human SR-BI gene e
8	29.4	2.1	31	1	Human SR-BI gene e
9	29.4	2.1	31	1	Human SR-BI gene e
10	29.4	2.1	31	1	Human SR-BI gene e
11	29.4	2.1	31	1	Human SR-BI gene e
12	29.4	2.1	31	1	Human SR-BI gene e
13	29.4	2.1	31	1	Human SR-BI gene e
14	28	2.0	28	1	Human SR-BI gene e
15	27.8	1.9	31	1	Human SR-BI gene e
16	27.8	1.9	31	1	Human SR-BI gene e
17	27.8	1.9	31	1	Human SR-BI gene e
18	27.8	1.9	31	1	Human SR-BI gene e
19	26	1.8	26	1	Human SR-BI gene e
20	22	1.5	22	1	Human SR-BI gene e
21	22	1.5	22	1	Human SR-BI gene e
22	19.4	1.4	21	1	Human SR-BI gene e
23	19.4	1.4	21	1	Human SR-BI gene e
24	19.4	1.4	21	1	Human SR-BI gene e
25	19.4	1.4	21	1	Human SR-BI gene e
26	18.4	1.3	20	1	Human SR-BI gene e
27	18.4	1.3	20	1	Human SR-BI gene e
28	18.4	1.3	20	1	Human SR-BI gene e
29	18.4	1.3	20	1	Human SR-BI gene e
30	18.4	1.3	20	1	Human SR-BI gene e
31	18.4	1.3	20	1	Human SR-BI gene e
32	18.4	1.3	20	1	Human SR-BI gene e
33	18.4	1.3	20	1	Human SR-BI gene e

34	18.2	1.3	25	1	AAA71328	P. horikoshii OT3
35	17.8	1.2	21	1	AAZ24573	Human SR-BI gene e
36	17.8	1.2	21	1	AAZ24577	Human SR-BI gene e
37	17.8	1.2	21	1	AAZ24665	Human SR-BI gene e
38	17.8	1.2	21	1	AAZ24669	Human SR-BI gene e
39	17.8	1.2	24	1	ABK65973	Human gene specific
40	17.6	1.2	24	1	ABK65973	Human gene specific
41	17.4	1.2	19	1	AAZ76920	Human biallelic ma
42	17.2	1.2	24	1	AAA30455	Human nNOS PDZ dom
43	16.8	1.2	20	1	AAA60400	Human telomerase a
44	16.8	1.2	20	1	AAZ96610	Human telomerase reverse
45	16.8	1.2	21	1	AAZ97218	Human gene single
46	16.6	1.2	23	1	ABA90717	Lactococcus lactis
47	16.4	1.2	20	1	AAZ09655	Human PKA C-alpha
48	16.4	1.2	22	1	ABZ59607	Real-time reverse
49	16.2	1.1	21	1	AAZ7026	PCR primer for the
50	16.2	1.1	21	1	ABZ98393	Human multicluding re
51	16.2	1.1	22	1	AAZ49107	Human MTHFR gene a
52	16.2	1.1	22	1	ABZ77445	PCR primer used to
53	16.2	1.1	20	1	AAZ31280	CCR5 gene inhibiti
54	15.8	1.1	20	1	AAZ27920	PCR primer for pBR
55	15.8	1.1	20	1	AAZ28633	pBR322 primer 3.
56	15.8	1.1	20	1	AAZ27747	PCR primer to ampl
57	15.8	1.1	20	1	AAZ29444	pBR322 PCR primer.
58	15.8	1.1	20	1	AAZ71260	Human biallelic ma
59	15.8	1.1	20	1	AAZ74114	Primer #48. Homo
60	15.8	1.1	21	1	AAZ88822	Human polymorphic
61	15.8	1.1	21	1	AAZ88822	Human cytochrome c
62	15.8	1.1	21	1	AAZ88822	Human BLC RT-PCR p
63	15.8	1.1	22	1	AAZ88822	Human NF-kappaB a
64	15.8	1.1	22	1	AAZ88822	Human NF-kappaB a
65	15.6	1.1	22	1	AAZ88822	Human NF-kappaB a
66	15.6	1.1	22	1	AAZ88822	Human NF-kappaB a
67	15.6	1.1	22	1	AAZ88822	Human NF-kappaB a
68	15.6	1.1	22	1	AAZ88822	Human NF-kappaB a
69	15.6	1.1	22	1	AAZ88822	Human NF-kappaB a
70	15.4	1.1	17	1	AAZ75274	Mouse fli-1 VRGP r
71	15.4	1.1	17	1	AAZ70426	Single nucleotide
72	15.4	1.1	17	1	AAZ70441	Single nucleotide
73	15.4	1.1	17	1	AAZ70498	Single nucleotide
74	15.4	1.1	17	1	AAZ70504	Single nucleotide
75	15.4	1.1	17	1	AAZ70507	Single nucleotide
76	15.4	1.1	18	1	AAZ79233	Human HTPL scanlin
77	15.4	1.1	18	1	AAZ79233	Human HTPL scanlin
78	15.4	1.1	18	1	AAZ79233	Human HTPL scanlin
79	15.4	1.1	18	1	AAZ79233	Human HTPL scanlin
80	15.4	1.1	20	1	AAZ20584	Human B3 interact
81	15.4	1.1	20	1	AAZ20584	Human B3 interact
82	15.4	1.1	20	1	AAZ20584	Human B3 interact
83	15.4	1.1	20	1	AAZ20584	Human B3 interact
84	15.4	1.1	20	1	AAZ20584	Human B3 interact
85	15.2	1.1	20	1	AAZ20584	Human B3 interact
86	15.2	1.1	20	1	AAZ20584	Human B3 interact
87	15.2	1.1	20	1	AAZ20584	Human B3 interact
88	15.2	1.1	20	1	AAZ20584	Human B3 interact
89	15.2	1.1	20	1	AAZ20584	Human B3 interact
90	15.2	1.1	20	1	AAZ20584	Human B3 interact
91	15.2	1.1	20	1	AAZ20584	Human B3 interact
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93	15.2	1.1	20	1	AAZ20584	Human B3 interact
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97	15.2	1.1	20	1	AAZ20584	Human B3 interact
98	15.2	1.1	20	1	AAZ20584	Human B3 interact
99	15.2	1.1	20	1	AAZ20584	Human B3 interact
100	15.2	1.1	20	1	AAZ20584	Human B3 interact
101	15.2	1.1	20	1	AAZ20584	Human B3 interact
102	15.2	1.1	20	1	AAZ20584	Human B3 interact
103	15.2	1.1	20	1	AAZ20584	Human B3 interact
104	15.2	1.1	20	1	AAZ20584	Human B3 interact
105	15.2	1.1	20	1	AAZ20584	Human B3 interact
106	15.2	1.1	20	1	AAZ20584	Human B3 interact

KM diagnoses; body mass index; obesity; cachexia; gallstone; PCR;
 KM primer; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902735-A2.
 PD
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14354.
 XX
 XX 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUT) UNIT TUTS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 5; Page 72; 102pp; English.
 XX
 CC A PCR primer pair (see also AAX24561) is designed for the
 CC amplification of exon 8 (see AAX24505) of the human SR-BI gene.
 CC A C/T polymorphism has been detected at nucleotide 41 of this
 CC exon. PCR amplification followed by HaeIII digestion yields
 CC 154, 33 and 31 bp products in CC individuals, 154, 64, 33 and 31
 CC bp products in CT individuals, and 154 and 64 bp products in TT
 CC individuals. The invention is based on the discovery of the
 CC genomic structure of the human SR-BI gene (see AAX24498-509) and on
 CC the identification of polymorphic regions within the gene which are
 CC associated with abnormal body mass index (BMI) and abnormal
 CC lipoprotein levels and hence with disorders such as obesity.
 CC cachexia, cardiovascular disorders and gallstone formation. The
 CC invention provides methods for determining whether a subject has,
 CC or is at risk of developing, a disease associated with a specific
 CC allele of a polymorphic region of an SR-BI gene. Kits comprising
 CC the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 XX
 SQ Sequence 34 BP; 4 A; 15 C; 3 G; 12 T; 0 other;
 QY
 Query Match 2.3%; Score 32.4; DB 1; Length 34;
 Best Local Similarity 97.1%; Pred. No. 0.76;
 Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1085 CCTGTTCTCTCCATCCTCACTTCTCTCAAGC 1118
 DB 1 CCTGTTCTCTCCATCCTCACTTCTCTCAAGC 34
 RESULT 2
 AAX24652
 ID AAX24652 standard; DNA; 34 BP.
 XX
 AC AAX24652;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 PCR primer.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone; PCR;
 KM primer; ss.
 XX

OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14359.
 XX
 XX 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 XX New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 10; Page 71; 103pp; English.
 XX
 CC A PCR primer pair (see also AAX24653) is designed for the
 CC amplification of exon 8 (see AAX24597) of the human SR-BI gene.
 CC A C/T polymorphism has been detected at nucleotide 41 of this
 CC exon. PCR amplification followed by HaeIII digestion yields
 CC 154, 33 and 31 bp products in CC individuals, 154, 64, 33 and 31
 CC bp products in CT individuals, and 154 and 64 bp products in TT
 CC individuals. The invention is based on the discovery of the
 CC genomic structure of the human SR-BI gene (see AAX24590-601) and on
 CC the identification of polymorphic regions within the gene which are
 CC associated with abnormal body mass index (BMI) and abnormal
 CC lipoprotein levels and hence with disorders such as obesity,
 CC cachexia, cardiovascular disorders and gallstone formation. The
 CC invention provides methods for determining whether a subject has,
 CC or is at risk of developing, a disease associated with a specific
 CC allele of a polymorphic region of an SR-BI gene. Kits comprising
 CC the relevant probe or primer are claimed.
 CC
 XX
 SQ Sequence 34 BP; 4 A; 15 C; 3 G; 12 T; 0 other;
 QY
 Query Match 2.3%; Score 32.4; DB 1; Length 34;
 Best Local Similarity 97.1%; Pred. No. 0.76;
 Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1085 CCTGTTCTCTCCATCCTCACTTCTCTCAAGC 1118
 DB 1 CCTGTTCTCTCCATCCTCACTTCTCTCAAGC 34
 RESULT 3
 AAX21075/c
 ID AAX21075 standard; DNA; 30 BP.
 XX
 AC AAX21075;
 XX
 DT 18-NOV-1999 (first entry)
 XX
 DE Human cell-surface HDL receptor CLA-1 probe.
 XX
 KM LDL receptor; low density lipoprotein; steroid receptor element;
 KM caveolin; SRB; regulation; cell cycle; cholesterol; mitosis;
 KM cell division; anti-mitotic; inhibition; growth; proliferation;
 KM cancer; restenosis; atherosclerosis; heart disease; detection;
 KM lipid processing; diabetes; thyroid hormone deficiency; renal failure;
 KM inherited hyperlipidaemia; probe; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9946592-A1.

XX 16-SEP-1999.
 PD 08-MAR-1999; 99WO-US05146.
 XX 09-MAR-1998; 98US-0077351.
 PR (REGC) UNIV CALIFORNIA.
 XX PA
 XX PI Fielding CJ, Fielding PE;
 XX WPI; 1999-551504/46.
 DR
 XX
 PT Detection of anti-mitotic agents for use in inhibiting the growth or
 PT proliferation of cells, e.g. in cancers or restenosis -
 XX
 PS Example 5; Page 92; 135pp; English.
 XX
 CC A method has been developed for identifying anti-mitotic agents by
 CC detecting effects on cholesterol influx or efflux in cells or using a
 CC caveolin promoter-reporter gene construct. The method comprises: (1)
 CC contacting a cell with an agent to be tested for anti-mitotic activity;
 CC and (2) detecting the efflux of free cholesterol (FC) from the cell;
 CC where an increase in efflux of FC by the cell when contacted by the
 CC agent as compared to the cell under the same conditions lacking the
 CC agent indicates antimitotic activity of the agent. The method can be
 CC used for identifying agents for inhibiting the growth and/or
 CC proliferation of cells, more particularly the growth and proliferation
 CC of cancer cells, other transformed cells, or at other sites such as in
 CC aortic transplant subjects to restenosis. It can also be used for
 CC modulating cholesterol uptake in atherosclerosis and heart disease.
 CC It can also be used for detecting lipid processing by cells in
 CC pathologies such as diabetes, thyroid hormone deficiency, renal failure
 CC and inherited hyperlipidaemias. The present sequence represents a
 CC probe used in the exemplification of the present invention.
 CC
 XX Sequence 30 BP; 7 A; 9 C; 6 G; 8 T; 0 other;
 SQ
 Query Match 2.1%; Score 30; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1.5;
 Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Oy 1514 AGGATAGGAGGCGCCTTGGCTTCTG 1543
 Db 30 AGGATAGGAGGCGCCTTGGCTTCTG 1
 RESULT 4
 AAX24539/c
 ID AAX24539 standard; DNA; 31 BP.
 XX
 AC AAX24539;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX

PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 XX WPI; 1999-120935/10.
 DR
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 is thymidine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 XX Sequence 31 BP; 8 A; 6 C; 12 G; 5 T; 0 other;
 SQ
 Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 Db 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1
 RESULT 5
 AAX24541
 ID AAX24541 standard; DNA; 31 BP.
 XX
 AC AAX24541;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.


```

XX  Acton SL, Ordovas JM;
XX
XX  WPI; 1999-120935/10.
XX
XX  Detecting genetic predisposition for body mass disorders - by
XX  identifying allelic variants of a polymorphic region of the SR-BI
XX  gene
XX
XX  Example 2; Page 33; 102pp; English.
XX
XX  This probe is designed to detect a C/T polymorphism located at
XX  nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
XX  It hybridises specifically to the complement of a nucleotide
XX  sequence wherein nucleotide 41 is thymidine. The invention is
XX  based on the discovery of the genomic structure of the human SR-BI
XX  gene (see AAX24498-509) and on the identification of polymorphic
XX  regions within the gene which are associated with abnormal body
XX  mass index (BMI) and abnormal lipoprotein levels and hence with
XX  disorders such as obesity, cachexia, cardiovascular disorders and
XX  gallstone formation. The invention provides methods for
XX  determining whether a subject has, or is at risk of developing, a
XX  disease associated with a specific allele of a polymorphic region
XX  of an SR-BI gene. Kits comprising the relevant probe or primer are
XX  claimed.
XX  (Updated on 20-MAR-2003 to correct PA field.)
XX
XX  Sequence 31 BP; 5 A; 12 C; 6 G; 8 T; 0 other;
XX
XX  Query Match      2.1%; Score 29.4; DB 1; Length 31;
XX  Best Local Similarity 96.8%; Pred. No. 2;
XX  Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
OY  1104 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1134
DB  1 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 31
XX
RESULT 6
AAX24543/C
ID  AAX24543 standard; DNA; 31 BP.
XX
AC  AAX24543;
XX
XX  20-MAR-2003 (updated)
XX  21-JUN-1999 (first entry)
XX
DB  Human SR-BI gene exon 8 probe.
XX
XX  SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX  restenosis; congestive heart failure; atherosclerosis; cholesterol;
XX  low density lipoprotein; LDL; high density lipoprotein; HDL;
XX  diagnosis; body mass index; obesity; cachexia; gallstone;
XX  probe; hybridisation; ss.
XX
XX  Synthetic.
XX  OS  Homo sapiens.
XX
XX  WO9902735-A2.
XX
XX  21-JAN-1999.
XX
XX  10-JUL-1998; 98WO-US14354.
XX
XX  PF  27-FEB-1998; 98US-0031626.
XX  PR  10-JUL-1997; 97US-0890979.
XX
XX  (MILL-) MILLENNIUM PHARM INC.
XX  PA  (TUFT) UNIV TUFTS.
XX
XX  Acton SL, Ordovas JM;
XX
XX  WPI; 1999-120935/10.

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XX  Detecting genetic predisposition for body mass disorders - by
XX  identifying allelic variants of a polymorphic region of the SR-BI
XX  gene
XX
XX  Example 2; Page 33; 102pp; English.
XX
XX  This probe is designed to detect a C/T polymorphism located at
XX  nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
XX  It hybridises specifically to a nucleotide sequence wherein
XX  nucleotide 41 is cytidine. The invention is based on the
XX  discovery of the genomic structure of the human SR-BI gene (see
XX  AAX24498-509) and on the identification of polymorphic regions within
XX  the gene which are associated with abnormal body mass index (BMI)
XX  and abnormal lipoprotein levels and hence with disorders such as
XX  obesity, cachexia, cardiovascular disorders and gallstone formation.
XX  The invention provides methods for determining whether a subject
XX  has, or is at risk of developing, a disease associated with a
XX  specific allele of a polymorphic region of an SR-BI gene. Kits
XX  comprising the relevant probe or primer are claimed.
XX  (Updated on 20-MAR-2003 to correct PA field.)
XX
XX  Sequence 31 BP; 7 A; 6 C; 12 G; 6 T; 0 other;
XX
XX  Query Match      2.1%; Score 29.4; DB 1; Length 31;
XX  Best Local Similarity 96.8%; Pred. No. 2;
XX  Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
OY  1104 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1134
DB  31 TCACCTTCCTCAACGCCGACCGGTTCTGGCA 1
XX
RESULT 7
AAX24545
ID  AAX24545 standard; DNA; 31 BP.
XX
AC  AAX24545;
XX
XX  20-MAR-2003 (updated)
XX  21-JUN-1999 (first entry)
XX
DB  Human SR-BI gene exon 8 probe.
XX
XX  SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
XX  restenosis; congestive heart failure; atherosclerosis; cholesterol;
XX  low density lipoprotein; LDL; high density lipoprotein; HDL;
XX  diagnosis; body mass index; obesity; cachexia; gallstone;
XX  probe; hybridisation; ss.
XX
XX  Synthetic.
XX  OS  Homo sapiens.
XX
XX  WO9902735-A2.
XX
XX  21-JAN-1999.
XX
XX  10-JUL-1998; 98WO-US14354.
XX
XX  PF  27-FEB-1998; 98US-0031626.
XX  PR  10-JUL-1997; 97US-0890979.
XX
XX  (MILL-) MILLENNIUM PHARM INC.
XX  PA  (TUFT) UNIV TUFTS.
XX
XX  Acton SL, Ordovas JM;
XX
XX  WPI; 1999-120935/10.
XX
XX  Detecting genetic predisposition for body mass disorders - by
XX  identifying allelic variants of a polymorphic region of the SR-BI
XX  gene

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PS Example 2; Page 33; 102pp; English.

XX This probe is designed to detect a C/T polymorphism located at

CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).

CC It hybridises specifically to the complement of a nucleotide

CC sequence wherein nucleotide 41 is cytidine. The invention is

CC based on the discovery of the genomic structure of the human SR-BI

CC gene (see AAX24498-509) and on the identification of polymorphic

CC regions within the gene which are associated with abnormal body

CC mass index (BMI) and abnormal lipoprotein levels and hence with

CC disorders such as obesity, cachexia, cardiovascular disorders and

CC gallstone formation. The invention provides methods for

CC determining whether a subject has, or is at risk of developing, a

CC disease associated with a specific allele of a polymorphic region

CC of an SR-BI gene. Kits comprising the relevant probe or primer are

CC claimed.

CC (Updated on 20-MAR-2003 to correct PA field.)

CC

XX

SQ Sequence 31 BP; 6 A; 12 C; 6 G; 7 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;

Best Local Similarity 96.8%; Pred. No. 2;

Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACTTCTCAACCGCGACCGGTTCTGCA 1134

DB 1 TCACTTCATCAACCGCGACCGGTTCTGCA 31

RESULT 8

AAX24576

ID AAX24576 standard; DNA; 31 BP.

XX

AC AAX24576;

XX

DT 20-MAR-2003 (updated)

DT 21-JUN-1999 (first entry)

XX

DE Human SR-BI gene exon 3 probe.

XX

KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;

KW restenosis; congestive heart failure; atherosclerosis; cholesterol;

KW low density lipoprotein; LDL; high density lipoprotein; HDL;

KW diagnosis; body mass index; obesity; cachexia; gallstone;

KW variant; probe; hybridisation; ss.

XX

OS Synthetic.

OS Homo sapiens.

XX

PN WO9902735-A2.

XX

PD 21-JAN-1999.

XX

PF 10-JUL-1998; 98WO-US14354.

XX

PR 27-FEB-1998; 98US-0031626.

PR 10-JUL-1997; 97US-0890979.

XX

PA (MILL-) MILLENNIUM PHARM INC.

PA (TUFT) UNIV TUFTS.

XX

PI Acton St, Ordovas JM;

XX

DR WPI; 1999-120935/10.

XX

XX

PT Detecting genetic predisposition for body mass disorders - by

PT identifying allelic variants of a polymorphic region of the SR-BI

PT gene

XX

PS Example 2; Page 32; 102pp; English.

CC This probe is designed to detect an A/G polymorphism located at

CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).

CC It hybridises specifically to the complement of a nucleotide

CC sequence wherein nucleotide 119 is adenine. The invention is

CC based on the discovery of the genomic structure of the human SR-BI

CC gene (see AAX24498-509) and on the identification of polymorphic

CC regions within the gene which are associated with abnormal body

CC mass index (BMI) and abnormal lipoprotein levels and hence with

CC disorders such as obesity, cachexia, cardiovascular disorders and

CC gallstone formation. The invention provides methods for

CC determining whether a subject has, or is at risk of developing, a

CC disease associated with a specific allele of a polymorphic region

CC of an SR-BI gene. Kits comprising the relevant probe or primer are

CC claimed.

CC (Updated on 20-MAR-2003 to correct PA field.)

CC

XX

SQ Sequence 31 BP; 10 A; 11 C; 5 G; 5 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;

Best Local Similarity 96.8%; Pred. No. 2;

Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487

DB 1 GAGAGCGACTACATCGTCATGCCCAACATCC 31

RESULT 9

AAX24631/c

ID AAX24631 standard; DNA; 31 BP.

XX

AC AAX24631;

XX

DT 21-JUN-1999 (first entry)

XX

DE Human SR-BI gene exon 8 probe.

XX

KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;

KW restenosis; congestive heart failure; atherosclerosis; cholesterol;

KW low density lipoprotein; LDL; high density lipoprotein; HDL;

KW diagnosis; body mass index; obesity; cachexia; gallstone;

KW probe; hybridisation; ss.

XX

OS Synthetic.

OS Homo sapiens.

XX

PN WO9902736-A2.

XX

PD 21-JAN-1999.

XX

PF 10-JUL-1998; 98WO-US14359.

XX

PR 27-FEB-1998; 98US-0032894.

PR 10-JUL-1997; 97US-0890980.

XX

PA (MILL-) MILLENNIUM PHARM INC.

XX

PI Acton St;

XX

DR WPI; 1999-120936/10.

XX

XX

PT New nucleic acids comprising intronic sequence of a human scavenger

PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and

PT treatment of SR-BI associated diseases or conditions

XX

PS Claim 36; Page 32; 103pp; English.

XX

XX

CC This probe is designed to detect a C/T polymorphism located at

CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).

CC It hybridises specifically to a nucleotide sequence wherein

CC nucleotide 41 of exon 8 is thymidine. The invention is based on

CC the discovery of the genomic structure of the human SR-BI gene (see

CC AAX24590-601) and on the identification of polymorphic regions within

CC the gene which are associated with abnormal body mass index (BMI)

CC and abnormal lipoprotein levels and hence with disorders such as

CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 31 BP; 8 A; 6 C; 12 G; 5 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 10
 ID AAX24633 standard; DNA; 31 BP.
 XX
 AC AAX24633;

DT 21-JUN-1999 (first entry)

DE Human SR-BI gene exon 8 probe.

KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.

XX
 OS Synthetic.

OS Homo sapiens.

PN WO902736-A2.

PD 21-JAN-1999.

PF 10-JUL-1998; 98WO-US14359.

PR 27-FEB-1998; 98US-0032894.

PR 10-JUL-1997; 97US-0890980.

PA (MILL-) MILLENNIUM PHARM INC.

PI Acton St;

PI 1999-120936/10.

PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions

PS Claim 36; Page 33; 103pp; English.

CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 41 of exon 8 is thymidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.

SQ Sequence 31 BP; 5 A; 12 C; 6 G; 8 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 1 TCACCTCTCAACGCCGACCGGTTCTGGCA 31

RESULT 11
 ID AAX24635/c
 XX
 AC AAX24635;

DT 21-JUN-1999 (first entry)

DE Human SR-BI gene exon 8 probe.

KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.

XX
 OS Synthetic.

OS Homo sapiens.

PN WO902736-A2.

PD 21-JAN-1999.

PF 10-JUL-1998; 98WO-US14359.

PR 27-FEB-1998; 98US-0032894.

PR 10-JUL-1997; 97US-0890980.

PA (MILL-) MILLENNIUM PHARM INC.

PI Acton St;

PI 1999-120936/10.

PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions

PS Claim 36; Page 32; 103pp; English.

CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 of exon 8 is cytidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.

SQ Sequence 31 BP; 7 A; 6 C; 12 G; 6 T; 0 other;

Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1104 TCACCTCTCAACGCCGACCGGTTCTGGCA 1134
 DB 31 TCACCTCTCAACGCCGACCGGTTCTGGCA 1

RESULT 12
 AAX24637
 ID AAX24637 standard; DNA; 31 BP.
 XX
 AC AAX24637;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PP 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 41 of exon 8 is cytidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SO Sequence 31 BP; 6 A; 12 C; 6 G; 7 T; 0 other;
 Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1104 TCACTTCTCAAGCCGACCCGGTTCGGCA 1134
 DB 1 TCACTTCAATCAAGCCGACCCGGTTCGGCA 31
 RESULT 13
 AAX24668
 ID AAX24668 standard; DNA; 31 BP.
 XX
 AC AAX24668;
 XX
 DT 21-JUN-1999 (first entry)

XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PP 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24655).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 119 of exon 3 is adenine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SO Sequence 31 BP; 10 A; 11 C; 5 G; 5 T; 0 other;
 Query Match 2.1%; Score 29.4; DB 1; Length 31;
 Best Local Similarity 96.8%; Pred. No. 2;
 Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 457 GAGAGCGACTACATCGTCATGCCCAACATCC 487
 DB 1 GAGAGCGACTACATCGTCATGCCCAACATCC 31
 RESULT 14
 AAD39293/C
 ID AAD39293 standard; DNA; 28 BP.
 XX
 AC AAD39293;
 XX
 DT 04-OCT-2002 (first entry)
 XX
 DE Human genomic DNA amplifying reverse primer #4.
 XX
 KM Human; single nucleotide polymorphism; SNP; tumour necrosis factor;
 KM detection; PCR; primer; ss.
 XX
 OS Homo sapiens.
 XX

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PN WO200234883-A2.
XX
PD 02-MAY-2002.
XX
PF 27-OCT-2001; 2001WO-US50857.
XX
PR 27-OCT-2000; 2000US-243952P.
PR 01-DEC-2000; 2000US-250434P.
XX
PA (ADVI-) ADVION BIOSCIENCES INC.
XX
PI Zhang S, Van Pelt CK, Schultz GA;
DR WPI; 2002-479718/51.
XX
PT Detecting single nucleotide polymorphisms in a sample by coupling
XX polymerase reaction amplification step, a phosphatase digestion
XX step, and a primer extension step consecutively in single container -
XX
PS Example 3; Page 46; 106pp; English.
XX
CC The present invention relates to a method of detecting single nucleotide
CC polymorphisms (SNP) in a sample. The method involves coupling polymerase
CC chain reaction amplification step, a phosphatase digestion step (or a
CC molecular weight-selective filter step) and a primer extension step
CC involving use of nucleotide analogues, in order, followed by electrospray
CC mass spectrometry detection of a single nucleotide polymorphism bases.
CC The method is useful for detecting SNPs in a sample. The method provides
CC a means to quantitate a minor or mutant allele frequency in the presence
CC of a second dominant allele present at a higher frequency. The process
CC is a particularly useful and powerful technique for disease association
CC and linkage studies. It can be used to determine the single nucleotide
CC variations of any target nucleic acid molecule, including RNA, double-
CC stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA
CC hybrids. The present DNA sequence is a PCR primer used for amplifying
CC human genomic DNA. This sequence is used in the exemplification of the
CC invention.
XX
SQ Sequence 28 BP; 5 A; 11 C; 7 G; 5 T; 0 other;
XX
Query Match 2.0%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1120 GACCGGTTCTGGCAGAAAGCGGTGACTG 1147
DB 28 GACCGGTTCTGGCAGAAAGCGGTGACTG 1
XX
RESULT 15
AAK24574/C
ID AAK24574 standard; DNA; 31 BP.
XX
AC AAK24574;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW retestosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
XX Synthetic.
XX OS Homo sapiens.
XX PN W09902735-A2.
XX PD 21-JAN-1999.
XX

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PF 10-JUL-1998; 98WO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNIV TUFTS.
XX
PI Acton SL, Ordovas JM;
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 32; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
CC It hybridises specifically to a nucleotide sequence wherein
CC nucleotide 119 is adenine. The invention is based on the
CC discovery of the genomic structure of the human SR-BI gene (see
CC AAK24498-509) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 31 BP; 6 A; 5 C; 11 G; 9 T; 0 other;
XX
Query Match 1.9%; Score 27.8; DB 1; Length 31;
Best Local Similarity 93.5%; Pred. No. 3.8;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 457 GAGAGCGACTACATCATGTCATGCCCAACATCC 487
DB 31 GAGAGCGCTACATCATCATGCCCAACATCC 1
XX
RESULT 16
AAK24578/C
ID AAK24578 standard; DNA; 31 BP.
XX
AC AAK24578;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW retestosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; ss.
XX
XX Synthetic.
XX OS Homo sapiens.
XX PN W09902735-A2.
XX PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14354.
PF 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX

```


Qy 1088 TGTTCCTCCCATCTCACTT 1109
 Db 1 TGTTCCTCCCATCTCACTT 22
 RESULT 21
 AAD39290
 ID AAD39290 standard; DNA, 22 BP.
 XX
 AC AAD39290;
 XX
 DT 04-OCT-2002 (first entry)
 XX
 DE Human genomic DNA amplifying forward PCR primer #C.
 XX
 KM Human; single nucleotide polymorphism; SNP; tumour necrosis factor;
 KM detection; PCR; primer; ss.
 XX
 OS Homo sapiens.
 XX
 FH Key
 FT misc_feature 1 Location/Qualifiers
 FT /tag= a
 FT /note= "This base is shown as N in the sequence
 FT shown as SEQ ID NO: 19 in the sequence listing
 FT of the specification"
 XX
 PN MO200234883-A2.
 XX
 PD 02-MAY-2002.
 XX
 PF 27-OCT-2001; 2001WO-US50857.
 XX
 PR 27-OCT-2000; 2000US-243952P.
 PR 01-DEC-2000; 2000US-250434P.
 XX
 PA (ADVI-) ADVION BIOSCIENCES INC.
 XX
 PI Zhang S, Van Pelt CK, Schultz GA;
 XX
 DR WPI; 2002-479718/51.
 XX
 PT Detecting single nucleotide polymorphisms in a sample by coupling
 PT polymerase change reaction amplification step, a phosphatase digestion
 PT step, and a primer extension step consecutively in single container -
 XX
 PS Example 3; Page 46; 106pp; English.
 XX
 CC The present invention relates to a method of detecting single nucleotide
 CC polymorphisms (SNP) in a sample. The method involves coupling polymerase
 CC chain reaction amplification step, a phosphatase digestion step (or a
 CC molecular weight-selective filter step) and a primer extension step
 CC involving use of nucleotide analogues, in order, followed by electrophoresis
 CC mass spectrometry detection of a single nucleotide polymorphism bases.
 CC The method is useful for detecting SNPs in a sample. The method provides
 CC a means to quantitate a minor or mutant allele frequency in the presence
 CC of a second dominant allele present at a higher frequency. The process
 CC is a particularly useful and powerful technique for disease association
 CC and linkage studies. It can be used to determine the single nucleotide
 CC variations of any target nucleic acid molecule, including RNA, double-
 CC stranded or single-stranded DNA, single-stranded DNA hairpins, DNA-RNA
 CC hybrids. The present DNA sequence is a PCR primer used for amplifying
 CC human genomic DNA. This sequence is used in the exemplification of the
 CC invention.
 XX
 SQ Sequence 22 BP; 2 A; 9 C; 1 G; 10 T; 0 other;
 XX
 Query Match 1.5%; Score 22; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 18;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1088 TGTTCCTCCCATCTCACTT 1109
 ||||||||||||||||||||

Db 1 TGTTCCTCCCATCTCACTT 22
 RESULT 22
 AAX24575
 ID AAX24575 standard; DNA, 21 BP.
 XX
 AC AAX24575;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM reestenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN M09902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 32; 102pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).
 CC It hybridises specifically to the complement of a nucleotide
 CC sequence wherein nucleotide 119 is adenine. The invention is
 CC based on the discovery of the genomic structure of the human SR-BI
 CC gene (see AAX24498-509) and on the identification of polymorphic
 CC regions within the gene which are associated with abnormal body
 CC mass index (BMI) and abnormal lipoprotein levels and hence with
 CC disorders such as obesity, cachexia, cardiovascular disorders and
 CC gallstone formation. The invention provides methods for
 CC determining whether a subject has, or is at risk of developing, a
 CC disease associated with a specific allele of a polymorphic region
 CC of an SR-BI gene. Kits comprising the relevant probe or primer are
 CC claimed.
 XX
 SQ (updated on 20-MAR-2003 to correct PA field.)
 XX
 Query Match 1.4%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 46;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 462 CGACTACATCGTCATGCCCA 482
 Db 1 CGACTACATCGTCATGCCCA 21
 ||||||||||||||||||||

RESULT 23

AAK24579
ID AAK24579 standard; DNA; 21 BP.
XX
AC AAK24579;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM variant; probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO9902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98MO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNITV TUFTS.
XX
PI Acton SL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 33; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
CC It hybridises specifically to the complement of a nucleotide
CC sequence wherein nucleotide 119 is guanine. The invention is
CC based on the discovery of the genomic structure of the human SR-BI
CC gene (see AAK24498-509) and on the identification of polymorphic
CC regions within the gene which are associated with abnormal body
CC mass index (BMI) and abnormal lipoprotein levels and hence with
CC disorders such as obesity, cachexia, cardiovascular disorders and
CC gallstone formation. The invention provides methods for
CC determining whether a subject has, or is at risk of developing, a
CC disease associated with a specific allele of a polymorphic region
CC of an SR-BI gene. Kits comprising the relevant probe or primer are
CC claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
CC
SQ Sequence 21 BP; 6 A; 9 C; 2 G; 4 T; 0 other;
XX
Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 46;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 24
ID AAK24667 standard; DNA; 21 BP.
XX
AC AAK24667;
XX

XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN WO9902736-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98MO-US14359.
XX
PR 27-FEB-1998; 98US-0032894.
PR 10-JUL-1997; 97US-0890980.
XX
PA (MILL-) MILLENNIUM PHARM INC.
XX
PI Acton SL;
XX
DR WPI; 1999-120936/10.
XX
PT New nucleic acids comprising intronic sequence of a human scavenger
PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
PT treatment of SR-BI associated diseases or conditions
XX
PS Claim 36; Page 32; 103pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24555).
CC It hybridises specifically to the complement of a sequence wherein
CC nucleotide 119 of exon 3 is adenine. The invention is based on
CC the discovery of the genomic structure of the human SR-BI gene (see
CC AAK24590-601) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 21 BP; 7 A; 8 C; 2 G; 4 T; 0 other;
XX
Query Match 1.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 46;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 462 CGACTACATCGTCATGCCCA 482
DB 1 CGACTACATCGTCATGCCCA 21

RESULT 25
ID AAK24671 standard; DNA; 21 BP.
XX
AC AAK24671;
XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;

KW diagnosis; body mass index; obesity; cachexia; gallstone;
 XX probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 XX
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 XX
 PI Acton SL;
 XX
 DR MPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 SQ This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to the complement of a sequence wherein
 CC nucleotide 119 of exon 3 is guanine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 21 BP; 6 A; 9 C; 2 G; 4 T; 0 other;
 XX
 QY Query Match 1.4%; Score 19.4; DB 1; Length 21;
 XX Best Local Similarity 95.2%; Pred. No. 46;
 XX Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 Db 462 CGACTACATCGTCATGCCCA 482
 1 CGACTACATCGTCATGCCCA 21
 XX
 RESULT 26
 AAX24538/c
 ID AAX24538 standard; DNA; 20 BP.
 XX
 AC AAX24538;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902735-A2.

XX 21-JAN-1999.
 PD
 PD 10-JUL-1998; 98MO-US14354.
 PF
 PF 27-FEB-1998; 98US-0031626.
 PR
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 XX
 PI Acton SL; Ordovas JM;
 XX
 DR MPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 XX
 SQ This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 41 is thymidine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 20 BP; 5 A; 4 C; 8 G; 3 T; 0 other;
 XX
 QY Query Match 1.3%; Score 18.4; DB 1; Length 20;
 XX Best Local Similarity 95.0%; Pred. No. 61;
 XX Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 XX
 Db 1109 TCCTCAACGCCGACCCGTT 1128
 20 TCCTCAACGCTGACCCGTT 1
 XX
 RESULT 27
 AAX24540
 ID AAX24540 standard; DNA; 20 BP.
 XX
 AC AAX24540;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 variant probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW variant; probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN MO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98MO-US14354.
 XX

PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridizes specifically to the complement of a nucleotide
 CC sequence wherein nucleotide 41 is thymidine. The invention is
 CC based on the discovery of the genomic structure of the human SR-BI
 CC gene (see AAX24498-509) and on the identification of polymorphic
 CC regions within the gene which are associated with abnormal body
 CC mass index (BMI) and abnormal lipoprotein levels and hence with
 CC disorders such as obesity, cachexia, cardiovascular disorders and
 CC gallstone formation. The invention provides methods for
 CC determining whether a subject has, or is at risk of developing, a
 CC disease associated with a specific allele of a polymorphic region
 CC of an SR-BI gene. Kits comprising the relevant probe or primer are
 CC claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 SQ Sequence 20 BP; 3 A; 8 C; 4 G; 5 T; 0 other;
 XX
 SQ
 Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 61;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1109 TCCTCAACGCCGACCCGGTT 1128
 DB 1 TCCTCAACGCCGACCCGGTT 20
 RESULT 28
 AAX24542/C
 ID AAX24542 standard; DNA; 20 BP.
 XX
 AC AAX24542;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.

PA (TUFT) UNIV TUFTS.
 XX
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 33; 102pp; English.
 XX
 CC This probe is designed to detect a C/T polymorphism located at
 CC nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24536).
 CC It hybridizes specifically to a nucleotide sequence wherein
 CC nucleotide 41 is cytidine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 CC
 SQ Sequence 20 BP; 4 A; 4 C; 8 G; 4 T; 0 other;
 XX
 SQ
 Query Match 1.3%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 61;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1109 TCCTCAACGCCGACCCGGTT 1128
 DB 20 TCATCAACGCCGACCCGGTT 1
 RESULT 29
 AAX24544
 ID AAX24544 standard; DNA; 20 BP.
 XX
 AC AAX24544;
 XX
 DT 20-MAR-2003 (updated)
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 8 probe.
 XX
 KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KW low density lipoprotein; LDL; high density lipoprotein; HDL;
 KW diagnosis; body mass index; obesity; cachexia; gallstone;
 KW probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9902735-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14354.
 XX
 PR 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM;
 XX
 DR WPI; 1999-120935/10.

XX Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX Example 2; Page 33; 102pp; English.
XX This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AXX24536).
CC It hybridizes specifically to the complement of a nucleotide
CC sequence wherein nucleotide 41 is cytosine. The invention is
CC based on the discovery of the genomic structure of the human SR-BI
CC gene (see AXX24498-509) and on the identification of polymorphic
CC regions within the gene which are associated with abnormal body
CC mass index (BMI) and abnormal lipoprotein levels and hence with
CC disorders such as obesity, cachexia, cardiovascular disorders and
CC gallstone formation. The invention provides methods for
CC determining whether a subject has, or is at risk of developing, a
CC disease associated with a specific allele of a polymorphic region
CC of an SR-BI gene. Kits comprising the relevant probe or primer are
CC claimed.
CC (Updated on 20-MAR-2003 to correct PA field.)
CC
SQ Sequence 20 BP; 4 A; 8 C; 4 G; 4 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 61;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
DB 1 TCATCAACGCCGACCCGGTT 20

RESULT 30
AAX24630/c
ID AAX24630 standard; DNA; 20 BP.
XX
AC AAX24630;
XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 8 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN MO9902736-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14359.
XX
PR 27-FEB-1998; 98US-0032894.
PR 10-JUL-1997; 97US-0890980.
XX
PA (MILL-) MILLENNIUM PHARM INC.
XX
PI Acton St;
XX
DR WPI; 1999-120936/10.
XX
PT New nucleic acids comprising intronic sequence of a human scavenger
PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
PT treatment of SR-BI associated diseases or conditions
XX
XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AXX24628).
CC It hybridizes specifically to a nucleotide sequence wherein
CC nucleotide 41 of exon 8 is thymidine. The invention is based on
CC the discovery of the genomic structure of the human SR-BI gene (see
CC AXX24590-601) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 20 BP; 5 A; 4 C; 8 G; 3 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 61;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1109 TCCTCAACGCCGACCCGGTT 1128
DB 20 TCCTCAACGCTGACCCGGTT 1

RESULT 31
AAX24632
ID AAX24632 standard; DNA; 20 BP.
XX
AC AAX24632;
XX
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 8 probe.
XX
KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
KM low density lipoprotein; LDL; high density lipoprotein; HDL;
KM diagnosis; body mass index; obesity; cachexia; gallstone;
KM probe; hybridisation; ss.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN MO9902736-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14359.
XX
PR 27-FEB-1998; 98US-0032894.
PR 10-JUL-1997; 97US-0890980.
XX
PA (MILL-) MILLENNIUM PHARM INC.
XX
PI Acton St;
XX
DR WPI; 1999-120936/10.
XX
PT New nucleic acids comprising intronic sequence of a human scavenger
PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
PT treatment of SR-BI associated diseases or conditions
XX
XX Claim 36; Page 33; 103pp; English.
XX
CC This probe is designed to detect a C/T polymorphism located at
CC nucleotide 41 of exon 8 of the human SR-BI gene (see AXX24628).
CC It hybridizes specifically to the complement of a sequence wherein
CC nucleotide 41 of exon 8 is thymidine. The invention is based on
CC the discovery of the genomic structure of the human SR-BI gene (see
CC AXX24590-601) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)

CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.

SQ Sequence 20 BP; 3 A; 8 C; 4 G; 5 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 61; Indels 0; Gaps 0;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1109 TCCTCAACGCCGACCCGGTT 1128

1 TCCTCAACGCCGACCCGGTT 20

RESULT 32

AA24634/c standard; DNA; 20 BP.

AC AAX24634;

XX 21-JUN-1999 (first entry)

XX Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;

XX restenosis; congestive heart failure; atherosclerosis; cholesterol;

XX low density lipoprotein; LDL; high density lipoprotein; HDL;

XX diagnosis; body mass index; obesity; cachexia; gallstone;

XX probe; hybridisation; ss.

XX Synthetic.

XX Homo sapiens.

XX MO9902736-A2.

XX 21-JAN-1999.

XX 10-JUL-1998; 98WO-US14359.

XX 27-FEB-1998; 98US-0032894.

XX 10-JUL-1997; 97US-0890980.

XX (MILL-) MILLERITUM PHARM INC.

XX Acton SL;

XX WPI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger

XX receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and

XX treatment of SR-BI associated diseases or conditions

XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at

XX nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).

XX It hybridises specifically to a nucleotide sequence wherein

XX nucleotide 41 of exon 8 is cytidine. The invention is based on

XX the discovery of the genomic structure of the human SR-BI gene (see

XX AAX24590-601) and on the identification of polymorphic regions within

XX the gene which are associated with abnormal body mass index (BMI)

XX and abnormal lipoprotein levels and hence with disorders such as

XX obesity, cachexia, cardiovascular disorders and gallstone formation.

XX The invention provides methods for determining whether a subject

XX has, or is at risk of developing, a disease associated with a

XX specific allele of a polymorphic region of an SR-BI gene. Kits

XX comprising the relevant probe or primer are claimed.

XX Sequence 20 BP; 4 A; 4 C; 8 G; 4 T; 0 other;

Query Match 1.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 61; Indels 0; Gaps 0;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1109 TCCTCAACGCCGACCCGGTT 1128

20 TCATCAACGCCGACCCGGTT 1

RESULT 33

AA24636 standard; DNA; 20 BP.

AC AAX24636;

XX 21-JUN-1999 (first entry)

XX Human SR-BI gene exon 8 probe.

XX SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;

XX restenosis; congestive heart failure; atherosclerosis; cholesterol;

XX low density lipoprotein; LDL; high density lipoprotein; HDL;

XX diagnosis; body mass index; obesity; cachexia; gallstone;

XX probe; hybridisation; ss.

XX Synthetic.

XX Homo sapiens.

XX MO9902736-A2.

XX 21-JAN-1999.

XX 10-JUL-1998; 98WO-US14359.

XX 27-FEB-1998; 98US-0032894.

XX 10-JUL-1997; 97US-0890980.

XX (MILL-) MILLERITUM PHARM INC.

XX Acton SL;

XX WPI; 1999-120936/10.

XX New nucleic acids comprising intronic sequence of a human scavenger

XX receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and

XX treatment of SR-BI associated diseases or conditions

XX Claim 36; Page 32; 103pp; English.

XX This probe is designed to detect a C/T polymorphism located at

XX nucleotide 41 of exon 8 of the human SR-BI gene (see AAX24628).

XX It hybridises specifically to the complement of a sequence wherein

XX nucleotide 41 of exon 8 is cytidine. The invention is based on

XX the discovery of the genomic structure of the human SR-BI gene (see

XX AAX24590-601) and on the identification of polymorphic regions within

XX the gene which are associated with abnormal body mass index (BMI)

XX and abnormal lipoprotein levels and hence with disorders such as

XX obesity, cachexia, cardiovascular disorders and gallstone formation.

XX The invention provides methods for determining whether a subject

XX has, or is at risk of developing, a disease associated with a

XX specific allele of a polymorphic region of an SR-BI gene. Kits

XX comprising the relevant probe or primer are claimed.

XX Sequence 20 BP; 4 A; 8 C; 4 G; 4 T; 0 other;

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RESULT 34
AAA71328
ID AAA71328 standard; DNA; 25 BP.
XX
AC AAA71328;
XX
DT 24-NOV-2000 (first entry)
XX
DE P. horikoshii OT3 cellobiohydrolase associated protein PCR primer #1.
XX
KW Cellulohydrolase; poly(D-glucopyranose) decomposition; glucose;
KM cellulose breakdown; PCR primer; 88.
XX
OS Pyrococcus horikoshii.
XX
PN WO200039288-A1.
XX
PD 06-JUL-2000.
XX
PF 14-DEC-1999; 99WO-JP07009.
XX
PR 24-DEC-1998; 98JP-0366237.
XX
PA (TAKI) TAKARA SHUZO CO LTD.
XX
PI Takayama M, Umeda K, Koyama N, Asada K, Kato I;
XX
DR WPI; 2000-452391/39.
XX
PS Poly peptides with heat-resistant cellobiohydrolase activity for
PT efficient breakdown of cellulose biomass -
XX
CC Example 5; Page 45; 50pp; Japanese.
XX
CC This invention describes a novel polypeptide originating in Pyrococcus
CC horikoshii OT3 which has cellobiohydrolase activity. The polypeptide of
CC the invention is capable of decomposing poly(D-glucopyranose) having
CC beta-1,4 bonds and can be used for the efficient and straightforward
CC breakdown of cellulose biomass to glucose. This sequence represents a PCR
CC primer used in the amplification of the gene encoding the P. horikoshii
CC OP3 cellobiohydrolase associated protein described in the method of the
CC invention.
XX
SQ Sequence 25 BP; 6 A; 5 C; 8 G; 6 T; 0 other;
XX
Query Match 1.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 97;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
XX
QY 1329 GGGCATGGAGGGGAGACTTTC 1351
DB 2 GGGCATGGAGGGGAGACTTTC 24
XX
RESULT 35
AAK24573/C
ID AAK24573 standard; DNA; 21 BP.
XX
AC AAK24573;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; 88.
XX

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OS Synthetic.
OS Homo sapiens.
XX
PN MO9902735-A2.
XX
PD 21-JAN-1999.
XX
PF 10-JUL-1998; 98WO-US14354.
XX
PR 27-FEB-1998; 98US-0031626.
PR 10-JUL-1997; 97US-0890979.
XX
PA (MILL-) MILLENNIUM PHARM INC.
PA (TUFT) UNIV TUFTS.
XX
PI Acton BL, Ordovas JM;
XX
DR WPI; 1999-120935/10.
XX
PT Detecting genetic predisposition for body mass disorders - by
PT identifying allelic variants of a polymorphic region of the SR-BI
PT gene
XX
PS Example 2; Page 32; 102pp; English.
XX
CC This probe is designed to detect an A/G polymorphism located at
CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAK24563).
CC It hybridises specifically to a nucleotide sequence wherein
CC nucleotide 119 is adenine. The invention is based on the
CC discovery of the genomic structure of the human SR-BI gene (see
CC AAK24498-509) and on the identification of polymorphic regions within
CC the gene which are associated with abnormal body mass index (BMI)
CC and abnormal lipoprotein levels and hence with disorders such as
CC obesity, cachexia, cardiovascular disorders and gallstone formation.
CC The invention provides methods for determining whether a subject
CC has, or is at risk of developing, a disease associated with a
CC specific allele of a polymorphic region of an SR-BI gene. Kits
CC comprising the relevant probe or primer are claimed.
XX
SQ Sequence 21 BP; 5 A; 2 C; 8 G; 6 T; 0 other;
XX
Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 83;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
QY 462 CGACTACATCGTCATGCCCA 482
DB 21 CGCTACATCATCATGCCCA 1
XX
RESULT 36
AAK24577/C
ID AAK24577 standard; DNA; 21 BP.
XX
AC AAK24577;
XX
DT 20-MAR-2003 (updated)
DT 21-JUN-1999 (first entry)
XX
DE Human SR-BI gene exon 3 probe.
XX
KW SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
KW restenosis; congestive heart failure; atherosclerosis; cholesterol;
KW low density lipoprotein; LDL; high density lipoprotein; HDL;
KW diagnosis; body mass index; obesity; cachexia; gallstone;
KW probe; hybridisation; 88.
XX
OS Synthetic.
OS Homo sapiens.
XX
PN MO9902735-A2.
XX

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PD 21-JAN-1999.
 XX 10-JUL-1998; 98WO-US14354.
 XX 27-FEB-1998; 98US-0031626.
 PR 10-JUL-1997; 97US-0890979.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA (TUFT) UNIV TUFTS.
 PI Acton SL, Ordovas JM,
 DR WPI; 1999-120935/10.
 XX
 PT Detecting genetic predisposition for body mass disorders - by
 PT Identifying allelic variants of a polymorphic region of the SR-BI
 PT gene
 XX
 PS Example 2; Page 32; 102pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24563).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 is guanine. The invention is based on the
 CC discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24498-509) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 CC (Updated on 20-MAR-2003 to correct PA field.)
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 9 G; 5 T; 0 other;
 Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATCGTCATGCCAA 482
 DB 21 CGCTACATCATCGTCGCCAA 1
 RESULT 37
 AAX24665/c
 ID AAX24665 standard; DNA; 21 BP.
 XX
 AC AAX24665;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 OS
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 PR

XX
 XX (MILL-) MILLENNIUM PHARM INC.
 XX Acton SL;
 XX
 DR WPI; 1999-120936/10.
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger
 PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AAX24655).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 of exon 3 is adenine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AAX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 8 G; 6 T; 0 other;
 Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATCGTCATGCCAA 482
 DB 21 CGCTACATCATCGTCGCCAA 1
 RESULT 38
 AAX24669/c
 ID AAX24669 standard; DNA; 21 BP.
 XX
 AC AAX24669;
 XX
 DT 21-JUN-1999 (first entry)
 XX
 DE Human SR-BI gene exon 3 probe.
 XX
 KM SR-BI; human; polymorphism; cardiovascular disorder; ischaemia;
 KM restenosis; congestive heart failure; atherosclerosis; cholesterol;
 KM low density lipoprotein; LDL; high density lipoprotein; HDL;
 KM diagnosis; body mass index; obesity; cachexia; gallstone;
 KM probe; hybridisation; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 OS
 PN WO9902736-A2.
 XX
 PD 21-JAN-1999.
 XX
 PF 10-JUL-1998; 98WO-US14359.
 XX
 PR 27-FEB-1998; 98US-0032894.
 PR 10-JUL-1997; 97US-0890980.
 XX
 PA (MILL-) MILLENNIUM PHARM INC.
 PA Acton SL;
 PI
 PT WPI; 1999-120936/10.
 DR
 XX
 PT New nucleic acids comprising intronic sequence of a human scavenger

PT receptor-BI (SR-BI) gene - useful for prognosis, diagnosis and
 PT treatment of SR-BI associated diseases or conditions
 XX
 XX
 PS Claim 36; Page 32; 103pp; English.
 XX
 CC This probe is designed to detect an A/G polymorphism located at
 CC nucleotide 119 of exon 3 of the human SR-BI gene (see AXX24655).
 CC It hybridises specifically to a nucleotide sequence wherein
 CC nucleotide 119 of exon 3 is guanine. The invention is based on
 CC the discovery of the genomic structure of the human SR-BI gene (see
 CC AXX24590-601) and on the identification of polymorphic regions within
 CC the gene which are associated with abnormal body mass index (BMI)
 CC and abnormal lipoprotein levels and hence with disorders such as
 CC obesity, cachexia, cardiovascular disorders and gallstone formation.
 CC The invention provides methods for determining whether a subject
 CC has, or is at risk of developing, a disease associated with a
 CC specific allele of a polymorphic region of an SR-BI gene. Kits
 CC comprising the relevant probe or primer are claimed.
 XX
 SQ Sequence 21 BP; 5 A; 2 C; 9 G; 5 T; 0 other;
 Query Match 1.24; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 83;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 462 CGACTACATGCTCATGCCAA 482
 DB 21 CGCTACATCTCTCATGCCAA 1
 RESULT 39
 ID ABEK5973/C
 ID ABEK5973 standard; DNA; 24 BP.
 AC ABEK5973;
 DT 02-JUL-2002 (first entry)
 XX
 DE Human gene specific PCR primer #61.
 KW Primer; ss; DNA microarray; differential expression analysis; human.
 OS Homo sapiens.
 XX
 PN US6352829-B1.
 PD 05-MAR-2002.
 XX
 PF 05-JAN-1999; 99US-0225928.
 XX
 PR 21-MAY-1997; 97US-0859998.
 XX
 PA (CLON-) CLONTECH LAB INC.
 XX
 PI Chenchik A, Jokhadze G, Bidilashvili R;
 XX
 DR WPI; 2002-314699/35.
 XX
 PT Producing sub-population of labeled nucleic acid, useful for analysing
 PT differences in RNA profiles between several different physiological
 PT sources, using set of distinct gene specific primers
 XX
 PS Example 3; SEQ ID No 61; 11pp; English.
 CC
 CC The invention relates to producing a sub-population of labeled nucleic
 CC acids (NAs) comprising contacting a NA sample from a physiological
 CC source, with a pool of 50 distinct gene specific primers under suitable
 CC conditions to enzymatically generate sub-population of NAs, where
 CC each gene specific primer has a sequence complementary to a distinct
 CC mRNA, and each labeled NA is generated using a single gene specific
 CC primer. The method is useful for producing a sub-population of labeled
 CC NAs which is useful for analysing the differences in the RNA profiles
 CC between several different physiological sources, where the method

CC comprises producing subpopulation of labeled NAs for the different
 CC physiological sources, comprising the populations for each physiological
 CC source to identify differences in the population, where the comparison
 CC is preferably performed by hybridising the labeled NAs for each of the
 CC distinct physiological sources to an array of probe NAs stably
 CC associated with the surface of a substrate to produce a hybridisation
 CC pattern for each of the sources, and comparing the patterns for each of
 CC the sources, where differential gene expression assays are
 CC utilised in differential expression analysis of diseased a normal
 CC tissue e.g. neoplastic a normal tissue, or different tissue or
 CC substrate types. The present sequence is a human gene specific PCR
 CC primer used in the method of the invention.
 CC Note: The sequence data for this patent did not form part
 CC of the printed specification, but was obtained in electronic
 CC format directly from USPTO at
 CC <http://ipo.segdata.uspto.gov/sequence.html?DocID=635282991>.
 XX
 SQ Sequence 24 BP; 7 A; 3 C; 11 G; 3 T; 0 other;
 Query Match 1.24; Score 17.8; DB 1; Length 24;
 Best Local Similarity 90.5%; Pred. No. 1.1e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 706 AACTCGACTCTGGGCTCTTC 726
 DB 21 AACTCCTCTCTGGGCTCTTC 1
 RESULT 40
 ID ABS61660
 ID ABS61660 standard; DNA; 24 BP.
 AC ABS61660;
 DT 05-NOV-2002 (first entry)
 XX
 DE Analyte sorting tag sequence #132.
 KW Analyte sorting oligonucleotide tag; ss.
 OS Synthetic.
 XX
 PN WO200259355-A2.
 PD 01-AUG-2002.
 XX
 PF 25-JAN-2002; 2002WC-CA00089.
 XX
 PR 25-JAN-2001; 2001US-263710P.
 PR 10-JUL-2001; 2001US-303799P.
 XX
 PA (TMBI-) TM BIOSCIENCE CORP.
 XX
 PI Kobler D, Fieldhouse D;
 XX
 DR WPI; 2002-619176/66.
 XX
 PT Polynucleotides comprising minimally cross-hybridising nucleotide
 PT sequences, useful as tags or tag complements for use in a wide variety
 PT of research, medical or industrial applications, e.g. in diagnostic
 PT assays or DNA sequencing
 XX
 PS Example 2; Page 60; 120pp; English.
 CC
 CC The invention relates to a composition, which comprises molecules for use
 CC as tags or tag complements. Each molecule comprises an oligonucleotide
 CC selected from a set of oligonucleotides based on numeric identifiers
 CC (numerals 1-3) corresponding to the pattern of nucleotide bases present
 CC in 1168 nucleotide sequences fully defined in the specification. These
 CC oligonucleotides were found to be non-cross hybridising. The composition
 CC is useful as a tag or tag complement, in analysing a biological sample
 CC for the presence of a mutation or polymorphism at a locus in a nucleic
 CC acid, and in determining the presence of a target suspected of being

CC contained in a mixture. Also for use in a wide variety of research,
 CC medical, or industrial applications, e.g. identification of disease-
 CC related polynucleotides in diagnostic assays, screening for clones of
 CC novel target polynucleotides, identification of specific polynucleotide
 CC in blots of mixtures of polynucleotides, therapeutic blocking of
 CC inappropriately expressed genes or DNA sequencing. The polynucleotides
 CC of the composition are particularly useful in methods involving highly
 CC parallel processing of analyses. The use of the polynucleotides provides
 CC minimal cross-hybridization or cross-talk during the sorting process.
 CC Thus, any sequence within the family of sequences will not significantly
 CC cross-hybridize with any other sequence derived from that family,
 CC making it suitable for highly parallel processing of analyses.
 CC ABS61529-ABS62696 represent oligonucleotide tags of the invention.

Sequence 24 BP; 8 A; 0 C; 6 G; 10 T; 0 other;
 Query Match 1.2%; Score 17.6; DB 1; Length 24;
 Best Local Similarity 83.3%; Pred. No. 1.1e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1471 GAGAAATGCTATTATTGAGACT 1494
 DB 1 GAGAAATGTTATATTAGTAGT 24

RESULT 41

AAZ76920/C
 ID AAZ76920 standard; DNA; 19 BP.

AAZ76920;
 10-SEP-2001 (first entry)

Human biallelic marker downstream amplification primer SEQ ID NO:11276.

Human genome; biallelic marker; high density disequilibrium map;
 KW genomic map; haplotype; phenotype; polymorphic base; genotyping;
 KW haplotyping; hybridisation; identification; characterisation;
 KW amplification; single nucleotide polymorphism; SNP; PCR primer;
 KW diagnosis; 88.

OS Homo sapiens.

PN WO954500-A2.

PD 28-OCT-1999.

PF 21-APR-1999; 99WO-1B00822.

PR 21-APR-1998; 98US-0082614.

PR 23-NOV-1998; 98US-0109732.

PA (GEST) GENSTRT.

PI Cohen D, Blumenfeld M, Chumakov I;

DR WPI; 2000-013267/01.

Novel biallelic markers used to construct a high density disequilibrium
 map of the human genome -
 Claim 9; Page 2634; 2745pp; English.

AAZ65654 to AAZ69578 represent human biallelic markers from the present
 invention, which contain a polymorphic base at position 24 of their
 nucleotide sequences. AAZ69579 to AAZ77440 represent amplification
 primers for the biallelic markers. The biallelic markers of the
 invention have a variety of uses: they can be used for high density
 mapping of the human genome, and in complex association studies and
 haplotyping studies which are useful in determining the genetic basis
 for disease states. Compositions and methods of the invention can also
 be useful for the identification of the targets for the development of
 pharmaceutical agents and diagnostic methods, as well as the

CC characterisation of the differential efficacious responses to and side
 CC effects from pharmaceutical agents acting on a disease as well as other
 CC treatment.
 CC N.B. The SEQ ID NOS 2852, 2913, 2974, 3035, 3096, 3157, 3227, 3297
 CC and 3367, are not actually given a sequence in the sequence listing
 CC from the present invention.

Sequence 19 BP; 7 A; 0 C; 7 G; 5 T; 0 other;

Query Match 1.2%; Score 17.4; DB 1; Length 19;
 Best Local Similarity 94.7%; Pred. No. 81;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1346 CTCTTCACATCTTCAC 1364
 DB 19 CTCTTCACATCTTCAC 1

RESULT 42
 ID AAA30455/C
 ID AAA30455 standard; DNA; 24 BP.

AAA30455;
 11-SEP-2000 (first entry)

Human nNOS PDZ domain PCR 3' primer.

Human nNOS PDZ domain PCR 3' primer.

Human; cellular adhesion molecule; ACAM; nocotropic; antiepileptic;
 KW neuroleptic; renal-active; antidiabetic; neuroactive; neuroprotectant;
 KW dementia; epilepsy; schizophrenia; peripheral nerve injury;
 KW diabetic neuropathy; two-hybrid screening; nitric oxide synthetase;
 KW nNOS; synapse function; stroke neurotoxicity; PDZ domain; PCR primer;
 KW 88.

OS Homo sapiens.

PN WO200032633-A1.

PD 08-JUN-2000.

PF 02-DEC-1999; 99WO-US28878.

PR 02-DEC-1998; 98US-0203462.

PA (ICOS-) ICOS CORP.

PI Hoekstra DM, Loughney K, Stauton DE, Vazeux R;

DR WPI; 2000-422952/36.

Nucleic acids encoding ACAM, a human cellular adhesion molecule, useful
 for diagnosing, preventing and treating diseases associated with ACAM
 expression and activity, e.g. epilepsy and schizophrenia -
 Example 10; Page 120; 187pp; English.

The present sequence is a PCR primer used to generate the PDZ
 domain of nitric oxide synthetase (nNOS). nNOS is critical for synapse
 function but also mediates neurotoxicity in stroke and some
 neurodegenerative diseases. The nNOS PDZ domain binds PSD95, which is a
 scaffolding protein expressed in neurons. PSD95 localises nNOS to the
 synapse and disruption of this interaction protects
 neurons from injury in rat models of stroke. A two-hybrid assay was
 carried out between the PDZ domains of nNOS and PSD95 and the cytoplasmic
 domain of ACAM, a novel cellular adhesion molecule. A positive
 interaction was observed, suggesting that ACAM plays a role in the
 nNOS/PSD95/nNDA receptor interaction. ACAM nucleotides and
 polynucleotides may therefore be used in the prevention, treatment and
 diagnosis of diseases associated with the nervous system such as
 dementia, epilepsy, schizophrenia, peripheral nerve injuries and diabetic
 neuropathies. They may be used to rectify mutations or deletions in a
 patient's genome that affect the activity of ACAM or to supplement

CC insufficient ACM production in a patient. Conversely, antisense nucleic
CC acid molecules may be administered to down-regulate ACM expression. The
CC nucleotide sequence may also be used as a DNA probe in diagnostic assays
CC (e.g. PCR) to detect and quantitate the presence of similar nucleic acid
CC sequences in samples, and hence determine which patients may be in need
CC of restorative therapy. ACM polypeptides may be used as antigens in the
CC production of antibodies against ACM and in assays to identify
CC modulators (agonists and antagonists) of ACM expression and activity.
SQ Sequence 24 BP; 4 A; 7 C; 6 G; 7 T; 0 other;

Query Match 1.2%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1055 AGAAGCTGACAGCTGACAGTT 1076
DB 22 AGAATGCGAGCCCCCTGACAGTT 1

RESULT 43
AAA60400/c
ID AAA60400 standard; DNA; 20 BP.

XX AAA60400;

XX 06-OCT-2000 (first entry)

XX Human telomerase antisense oligonucleotide hEST21 SEQ ID NO:1.

XX Human; telomerase; antisense oligonucleotide; inhibition; hEST2;
XX malignant tumour; cytostatic; telomerase inhibitor; liver cancer;
XX lung cancer; breast cancer; brain glioma; ss.

XX Homo sapiens.

XX WO200027858-A1.

XX 18-MAY-2000.

XX 29-OCT-1999; 99WO-CN00173.

XX 09-NOV-1998; 98CN-0124461.

XX (RADI-) INST RADIATION MEDICINE ACAD MILITARY ME.

XX Wang S, Zheng X, Zhu B, Xing R, Guan W, Sun Z;

XX WPI; 2000-376478/32.

XX Antisense oligonucleotides which inhibit human telomerase activity
XX useful in the inhibition of malignant tumor growth, used to treat e.g.
XX liver, lung and breast cancers and brain glioma.

XX Claim 2; Page 4; 32pp; Chinese.

CC AAA60400 to AAA60428 represent specifically claimed antisense
CC oligonucleotides (I) complementary to a part of the gene encoding a
CC protein subunit hEST2 of human telomerase that has reverse transcriptase
CC activity, or its transcriptional mRNA. Also described are: (1) a
CC pharmaceutical composition comprising (i): (2) a reagent kit for
CC detecting telomerase hEST2 RNA component or DNA encoding telomerase
CC hEST2 containing (i) and (3) preparing a drug for treating a tumour,
CC comprising the use of (1). The antisense oligonucleotides can inhibit
CC telomerase activity, applicable in inhibiting the growth of malignant
CC tumours e.g. for treatment of liver, lung and breast cancers and brain
CC glioma.

XX Sequence 20 BP; 4 A; 7 C; 8 G; 1 T; 0 other;

Query Match 1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGGCTGCTGCTGCTGC 1438
DB 20 GCAAGCGCTGCTGCTGCTGC 1

RESULT 44
AAS96610/c
ID AAS96610 standard; DNA; 20 BP.

XX AAS96610;

XX 09-APR-2002 (first entry)

XX Telomerase reverse transcriptase, antisense oligonucleotide #20.

XX Telomerase reverse transcriptase; TERT; cytostatic; apoptosis;
XX cell growth inhibitor; antisense oligonucleotide;
XX antisense technology; ss.

XX Homo sapiens.

XX Synthetic.

XX WO200188198-A1.

XX 22-NOV-2001.

XX 15-MAY-2001; 2001WO-US15774.

XX 16-MAY-2000; 2000US-0572423.

XX 07-DEC-2000; 2000US-0733294.

XX (ISIS-) ISIS PHARM INC.

XX Monla BP, Gaarde WA, Freier SM, Mancewicz B;

XX WPI; 2002-075321/10.

XX New compound targeted to nucleic acid molecule encoding telomerase
XX transcriptase (TERT), which specifically hybridises with and inhibits
XX expression of TERT, useful for modulating apoptosis and inhibiting cell
XX growth.

XX Claim 26; Page 90; 154pp; English.

CC The invention describes a compound, 8-50 nucleobases in length targeted
CC to a nucleic acid molecule encoding human TERT (telomerase reverse
CC transcriptase), where the compound specifically hybridises with and
CC inhibits the expression of TERT. A series of oligonucleotides were
CC designed to target different regions of the human TERT RNA. These were
CC 20 nucleotides in length and composed of a central gap region consisting
CC of ten 2'-deoxynucleotides, flanked on both sides (5' and 3' directions)
CC by five-nucleotide wings. The wings were composed of 2'-methoxyethyl
CC (2'-MOE) nucleotides. The compounds were analysed for their effect on
CC human TERT mRNA levels by reverse transcriptase (RT)-polymerase chain
CC reaction (PCR). The compound is useful for inhibiting the expression of
CC TERT in cells or tissues, for treating a human having disease or
CC condition associated with TERT, for modulating apoptosis, for inhibiting
CC cell growth (preferably, cancer cell growth), in antisense therapy and
CC for diagnostics and therapeutics. This sequence is an antisense
CC oligonucleotide used to modulate the activity of nucleic acid molecules
CC encoding TERT, described in the method of the invention.

XX Sequence 20 BP; 4 A; 7 C; 8 G; 1 T; 0 other;

Query Match 1.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1419 GCTGGGCTGCTGCTGCTGC 1438
DB 20 GCAAGCGCTGCTGCTGCTGC 1

```
RESULT 45
AAF97218
ID AAF97218 standard; DNA; 21 BP.
XX
AC AAF97218;
XX
DT 06-JUN-2001 (first entry)
XX
DE Human gene single nucleotide polymorphism #1979.
XX
KM Human; variant thrombospondin 1; variant thrombospondin 4; SNP;
KM polymorphism; vascular disease; coronary artery disease; forensics;
KM myocardial infarction; atherosclerosis; stroke; venous thromboembolism;
KM pulmonary embolism; paternity test; ds.
XX
OS Homo sapiens.
XX
FH Key Location/Qualifiers
FT Variation replace(11,A)
FT /*tag= a
FT /standard_name= "single nucleotide polymorphism"
XX
PN W0200118250-A2.
XX
PD 15-MAR-2001.
XX
PP 07-SEP-2000; 2000MO-US24503.
XX
PR 10-SEP-1999; 99US-0153357.
PR 26-JUL-2000; 2000US-0220947.
PR 16-AUG-2000; 2000US-0225724.
XX
PA (MHEP) WHITEHEAD INST BIOMEDICAL RES.
PA (MIL-) MILENNIUM PHARM INC.
XX
PI Lander ES, Gargill M, Ireland JS, Bolk S, Daley GQ, McCarthy JJ;
XX
DR WPI; 2001-226749/23.
XX
PT Nucleic acids comprising single nucleotide polymorphisms, useful in
PT applications such as forensics, paternity testing, medicine, genetic
PT analysis and phenotype correlations to diseases such as diabetes and
PT atherosclerosis -
XX
PS Examples; Page 183; 242pp; English.
XX
CC The present invention provides a method of diagnosing a vascular disease
CC in an individual, involving determining the sequence at various
CC polymorphic sites within the human thrombospondin 1 and thrombospondin 4
CC genes. The sequences at a number of polymorphic sites are also provided
CC in the specification. In particular, the method can be used in the
CC diagnosis of atherosclerosis, myocardial infarction, coronary heart
CC disease, stroke, peripheral vascular diseases, venous thromboembolism
CC and pulmonary embolism. Single nucleotide polymorphisms (SNPs) are also
CC useful in forensics, paternity testing, genetic analysis and phenotype
CC correlations to diseases. The present sequence is an example of one of
CC the human gene SNPs shown in the specification.
XX
SQ Sequence 21 BP; 4 A; 4 C; 4 G; 9 T; 0 other;
XX
Query Match 1.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
QY 1477 TCGTATTTTATTTGGAGTNG 1496
DB 1 TCTATTCATTTTGAGTAG 20
XX
RESULT 46
ABA90717
ID ABA90717 standard; DNA; 23 BP.
```

```
XX
AC ABA90717;
XX
DT 16-MAY-2002 (first entry)
XX
DE Lactococcus lactis oligonucleotide #196 used in Long Range PCR.
XX
KM Biosynthesis; biodegradation; lactic bacterium; yogurt; cheese; ss.
XX
OS Lactococcus lactis IL1403.
XX
PN FR2807446-A1.
XX
PD 12-OCT-2001.
XX
PP 11-APR-2000; 2000FR-0004630.
XX
PR 11-APR-2000; 2000FR-0004630.
XX
PA (INRG) INRA INST NAT RECH AGRONOMIQUE.
XX
PI Bolotine A, Sorokine A, Renault P, Ehrlich SD;
XX
DR WPI; 2002-043418/06.
XX
PT New nucleotide sequence useful in the identification of Lactococcus
PT lactis and related species -
XX
PS Example 1; SEQ ID No 2519; 2504pp; French.
XX
CC The present invention is related to a Lactococcus lactis nucleotide
CC sequence (ABA90521) and related proteins (ABBS3300-ABBS5621). The
CC nucleic acid sequence is useful in the detection and/or amplification of
CC nucleic acid sequence, particularly to identify Lactococcus lactis or
CC related species. The proteins of the invention are useful for the
CC biosynthesis or biodegradation of a composition of interest. The
CC invention helps research in lactic bacteria, particularly useful in the
CC production of yogurt and cheese. The present sequence is an
CC oligonucleotide used in an example from the invention.
CC Note: The sequence data for this patent is based on equivalent patent
CC W0200177334 (published 18-OCT-2001) which is available in electronic
CC format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.
XX
SQ Sequence 23 BP; 8 A; 8 C; 3 G; 4 T; 0 other;
XX
Query Match 1.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
QY 370 AGCAACATCCCTTCAACACCA 392
DB 1 AGCAAGTTCACCTTCAACACGA 23
XX
RESULT 47
AAD09655/C
ID AAD09655 standard; DNA; 20 BP.
XX
AC AAD09655;
XX
DT 10-SEP-2001 (first entry)
XX
DE Human PKA C-alpha chimeric antisense oligonucleotide (ISIS# 102672).
XX
KM Human; protein kinase A; PKA catalytic subunit C-alpha inhibitor;
KM therapy; infection; inflammation; tumour; prophylaxis; antisense;
KM phosphorothioate backbone; chimeric; ss.
XX
OS Chimeric - Homo sapiens.
XX
OS Chimeric - Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
```

```

FT      /*tag= a
FT      /mod_base= OTHER
FT      /note= "Phosphorothioate backbone"
FT      modified_base
FT      1..5
FT      /*tag= b
FT      /mod_base= OTHER
FT      /note= "Methoxyethyl residues"
FT      misc_feature
FT      6..15
FT      /*tag= c
FT      /note= "Central gap region"
FT      modified_base
FT      16..20
FT      /*tag= d
FT      /mod_base= OTHER
FT      /note= "Methoxyethyl residues"
FT      modified_base
FT      19
FT      /*tag= e
FT      /mod_base= msc
FT
FT      US6248586-B1.
FT
FT      19-JUN-2001.
FT
FT      17-DEC-1999; 99US-0467082.
FT
FT      17-DEC-1999; 99US-0467082.
FT
FT      (ISIS-) ISIS PHARM INC.
FT
FT      Monia BP, Cowseert LM;
FT      WPI; 2001-407321/43.
FT
FT      Antisense oligonucleotides for inhibiting the expression of the human
PT      protein kinase A catalytic subunit C-alpha, particularly useful for
PT      preventing, delaying or treating infection, inflammation or tumor
PT      formation -
PT
PT      Example 16; Column 45; 35pp; English.
XX
XX      The invention is directed to antisense compounds, particularly
CC      oligonucleotides which are targeted to a DNA encoding human protein
CC      kinase A (PKA) catalytic subunit C-alpha to modulate (inhibit) its
CC      expression. The antisense compounds are useful for diagnostic,
CC      therapeutic, prophylaxis and as research reagents or kits. The
CC      antisense oligonucleotides are useful for treating human, suspected
CC      of having or being prone to a disease or condition associated with
CC      the expression of PKA catalytic subunit C-alpha. In particular, the
CC      antisense oligonucleotides are useful for preventing, delaying or
CC      treating infection, inflammation and tumor formation. They are
CC      also useful in antisense therapy. The present sequence is a chimeric
CC      antisense oligonucleotide with a phosphorothioate backbone. This
CC      oligo is targeted to the coding region of human PKA catalytic
CC      subunit C-alpha to inhibit its expression.
XX
XX      Sequence 20 BP; 5 A; 3 C; 6 G; 6 T; 0 other;
XX
XX      Query Match 1.2%; Score 16.4; DB 1; Length 20;
XX      Best Local Similarity 94.4%; Pred. No. 1.3e+02;
XX      Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
XX
XX      663 GTTCCCTTCAGACACA 680
XX      ||| ||| ||| ||| |||
XX      19 GTTCTCTTCAGACACA 2
XX
XX      RESULT 48
XX      ABS59607
XX      ID ABS59607 standard; DNA; 22 BP.
XX
XX      ABS59607;
XX
XX      05-NOV-2002 (first entry)
XX

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DE      Real-time reverse PCR primer, used to determine NOV1 expression, #4.
XX
XX      Human; PCR; ss; SSC; NOV; immunosuppressive; hepatotropic;
XX      antiinflammatory; angiogenic-associated disorder; diagnostic;
XX      gene therapy; developmental disorder; immune disease;
XX      signal transduction pathway disorder; metabolic disorder;
XX      feeding disorder; obesity; wasting disorder; neurodegenerative disorder;
XX      Alzheimer's disease; Parkinson's disease; behavioural disorder; allergy;
XX      asthma; atherosclerosis; cardiomyopathy; angina pectoris;
XX      autoimmune disease; retinal disease; cirrhosis; diabetes;
XX      infectious disease; human immunodeficiency virus; HIV; cancer;
XX      hypertension; hypotension; multiple sclerosis; urinary retention;
XX      osteoporosis; Crohn's disease; ulcer; neurological disorder; anxiety;
XX      haemophilia; cirrhosis; immunogen; vaccine; primer.
XX
XX      Homo sapiens.
XX
XX      WO20025705-A2.
XX
XX      18-JUL-2002.
XX
XX      11-JAN-2002; 2002WO-US00609.
XX
XX      11-JAN-2001; 2001US-261013P.
XX      11-JAN-2001; 2001US-261014P.
XX      11-JAN-2001; 2001US-261018P.
XX      11-JAN-2001; 2001US-261026P.
XX      11-JAN-2001; 2001US-261029P.
XX      17-AUG-2001; 2001US-313170P.
XX      10-SEP-2001; 2001US-318410P.
XX
XX      (CURA-) CURAGEN CORP.
XX
XX      Mezes PS, Rastelli L, Herrmann JL, MacDougall JR, Zhong H,
XX      Casman SJ, Boldog P, Shinkets RA, Gorman H, Craaba OR, Mysore KK,
XX      Folkerts O, Martin GB, Risen A, Spaderina SK, Vermet CAM, Bergh C,
XX      Spytek KA, DiPippo VA, Zernusen BD, Peyman JA, Billeman K,
XX      Stone DJ, Grose WM, Alsbrook JP, Lepley DM, Rieger DK,
XX      Burgess CR, Edinger SJ,
XX      WPI; 2002-590675/63.
XX
XX      Human SSCX/NOVX polypeptide useful for diagnosing, preventing or
PT      treating disorders associated with aberrant expression or activity of
PT      SSCX/NOVX nucleic acids and proteins e.g., diabetes -
XX
XX      Example 2; Page 377; 443pp; English.
XX
XX      The invention discloses the isolated human polypeptides, and
CC      polynucleotides encoding them, that have been designated SSCX and NOVX.
CC      The polypeptides can be used for treating, or delaying, the onset of an
CC      angiogenic-associated disorder or treating a pathological state in a
CC      subject, preferably a mammal. They can also be used in determining the
CC      presence of, or predisposition to, a disease associated with altered
CC      levels of the polypeptides and polynucleotides of any one of the 12
CC      sequences (SSCX-12), for raising antibodies, for identifying an agent
CC      that binds to, or that modulates the expression or activity of the
CC      polypeptide, for treating or preventing a NOVX-associated disorder
CC      (NOVX-8) and as a pharmaceutical composition comprising the polypeptide,
CC      polynucleotide or the antibody. The polypeptides and polynucleotides are
CC      useful in diagnostic applications where their amounts are assessed, or
CC      for the manufacture of a medicament (e.g. gene therapy) for treating or
CC      preventing disorders or syndromes such as developmental disorders, immune
CC      diseases, signal transduction pathway disorders, metabolic disorders,
CC      feeding disorders (including obesity), wasting disorders,
CC      neurodegenerative disorders (including Alzheimer's disease and
CC      Parkinson's disease), behavioural disorders, allergies, asthma,
CC      atherosclerosis, cardiomyopathy, angina pectoris, autoimmune diseases,
CC      retinal disease, cirrhosis, diabetes, infectious disease (bacterial,
CC      fungal, protozoal and viral e.g. human immunodeficiency virus, HIV),
CC      cancer (e.g. prostate cancer), hypertension, hypotension, multiple
CC      sclerosis, urinary retention, osteoporosis, Crohn's disease, ulcers,
CC      neurological disorders (e.g. anxiety), haemophilia or cirrhosis. They

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CC may also be used as immunogens to produce antibodies specific for the
CC invention, and as vaccines. Further, they are useful for screening
CC potential agonist and antagonist compounds. The sequences presented in
CC ABS9542-ABS9569 are the PCR primers and probes which were used to
CC amplify and detect expression of human SECI-12 and NOV1-8 cDNA.

CC Sequence 22 BP; 7 A; 0 C; 9 G; 6 T; 0 other;

Query Match 1.2%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 1.5e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GCGGTGATGATGAGAAAT 519

DB 1 GTCGTGATGATGAGAAAT 18

RESULT 49
AA77026/c
ID AA77026 standard; DNA: 21 BP.

AC AA77026;

DT 10-AUG-1999 (first entry)

XX PCR primer for the ERCC1 gene.

XX PCR primer: proto-oncogene; oncogene; nucleic acid synthesis; ultrasound;
XX stress protein; repair protein; phenylketonuria; p53 tumour suppressor;
XX phenylalanine hydroxylase; IL-2 production; cancer; AIDS; haemophilia;
XX autoimmune disease; chronic viral infection; cystic fibrosis; therapy;
XX 88.

OS Synthetic.

OS Homo sapiens.

PN WO925385-A1.

XX 27-MAY-1999.

XX 11-NOV-1998; 98WO-US23843.

XX 17-NOV-1997; 97US-0971540.

PA (IMAR-) IMARX PHARM CORP.

PI McCreary T, Sadewasser D, Unger EC;

XX WPI; 1999-370731/31.

DR Increasing nucleic acid synthesis by ultrasonic treatment of cells

XX Example 1; Page 102; 124pp; English.

CC This sequence represents a PCR primer for a proto-oncogene/oncogene, and
CC was used to test the method of the invention. The method is for
CC increasing synthesis of nucleic acid (I) in a cell by exposing it to
CC ultrasound, where (I) is: (a) an endogenous sequence (Ia) encoding a
CC stress or repair protein; or (b) an introduced exogenous sequence (Ib).
CC The method is specifically used therapeutically; (i) to treat
CC phenylketonuria (following introduction of (Ib) for phenylalanine
CC hydroxylase); (ii) to increase expression of the p53 tumour suppressor;
CC natural killer cells; and (iv) for treating cancer by administering a
CC sequence antisense to initiation factor 3 and/or cRNA synthase. More
CC generally, (Ib) may include one or more genes or fragments, or even
CC complete chromosomes, for delivery (in vivo, in vitro or ex vivo) to
CC animal or plant cells for treating a very wide range of conditions, e.g.
CC acquired immune deficiency syndrome, autoimmune diseases, chronic viral
CC infections, haemophilia, cystic fibrosis, and cancer. Ultrasonic
CC treatment increases expression of (I) and increases uptake of (Ib),
CC particularly of 4-6 kb.

SQ Sequence 21 BP; 3 A; 4 C; 9 G; 5 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 1.5e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1548 CCGATGACATGAGTCCCAA 1568

DB 21 CCGATGACATGAGTCCCAA 1

RESULT 50
ABS98393
ID ABS98393 standard; DNA: 21 BP.

AC ABS98393;

DT 23-DEC-2002 (first entry)

XX Human multidrug resistance associated protein 3 polymorphic sequence #15.

XX Human; ds; cytochrome P450 A1; CYP4501A1; UGT2B4; MDR1;
XX cytochrome P450 A2; CYP4501A2; cytochrome P450 02B; CYP45002B1; LTP;
XX adrenergic receptor beta1; ADRB1; aryl hydrocarbon; AHR; MRP3; NR12;
XX aryl hydrocarbon receptor nuclear translocator; AHR; cathepsin S; CTSS;
XX cytochrome 2; COX2; diazepam binding inhibitor; DBI; haematological;
XX epoxide hydroxylase 2; BPHX2; 5-lipoxygenase activating protein; FLAP;
XX glutathione-S-transferase 12; GST12; histamine-N-methyl transferase;
XX HMT; kallikrein 2; KLK2; nicotinamide-N-methyl transferase; NMT;
XX NADPH quinone oxidoreductase 2; NQO2; sulfoxidoreductase thermolabile;
XX STM; UDP-glucuronosyl transferase 2B4; UDP-glucuronosyl transferase 2B7;
XX UGT2B7; UDP-glucuronosyl transferase; UGT2B15; urokinase receptor; UPA;
XX multidrug resistance 1; lactotransferrin; orphan nuclear receptor;
XX multidrug resistance associated protein 3; cancer; prostate;
XX acetylcholine muscarinic receptor; CHMR1; CHMR2; CHMR3; CHMR4; CHMR5;
XX altered drug metabolism; cardiovascular function; colorectal tumour;
XX central nervous system; pulmonary; immunological; SNP;
XX single nucleotide polymorphism.

OS Homo sapiens.

PN WO200257410-A2.

XX 25-JUL-2002.

XX 28-NOV-2001; 2001WO-US44838.

XX 28-NOV-2000; 2000US-0724389.

PA (DNAS-) DNA SCI LAB INC.

PI Guida M, Hall J;

XX WPI; 2002-698522/75.

DR Isolated nucleic acid molecules having polymorphisms in known human
XX genes e.g. cytochrome P450 and cathepsin S useful as genetic linkage
XX markers for locating, identifying and characterizing the genes
XX responsible for disorder-related traits -

PS Example 24; Page 152; 714pp; English.

CC This invention relates to the sequence of an isolated nucleic acid
CC molecule comprising at least one base variation from that of a known
CC human cytochrome P450 A1 (CYP4501A1), cytochrome P450 A2 (CYP4501A2),
CC cytochrome P450 02B1 (CYP45002B1), adrenergic receptor beta1 (ADRB1),
CC aryl hydrocarbon (AHR), aryl hydrocarbon receptor nuclear translocator
CC (AHR), cathepsin S (CTSS), cytochrome 2 (COX2), diazepam binding
CC inhibitor (DBI), epoxide hydroxylase 2 (BPHX2), 5-lipoxygenase
CC activating protein (FLAP), glutathione-S-transferase 12 (GST12),
CC histamine-N-methyl transferase (HMT), (kallikrein 2) KLK2, nicotinamide
CC -N-methyl transferase (NMT), NADPH quinone oxidoreductase 2 (NQO2),
CC sulfoxidoreductase thermolabile (STM), UDP-glucuronosyl transferase 2B4

CC (UGT2B4), UDP-glucuronosyl transferase 2B7 (UGT2B7), UDP-glucuronosyl
 CC transferase (UGT2B15), urokinase receptor (UPA), multidrug resistance
 CC 1 (MDR1), lactotransferrin (LTF), multidrug resistance associated
 CC protein 3 (MRP3), orphan nuclear receptor (NR112), or acetylcholine
 CC muscarinic receptor 1, 2, 3, 4, or 5 (CHRM1, CHRM2, CHRM3, CHMR4 or
 CC CHMR5) sequence. The polymorphisms in the human genes cited in the
 CC invention are useful as genetic linkage markers for locating and
 CC characterizing the genes that are responsible for specific traits within
 CC the genome and eventually identifying the genes responsible for a
 CC variety of disorder-related traits as a result of their e.g.,
 CC overexpression, constitutive expression, mutation or underexpression,
 CC which may be used in diagnosing and/or treating the disorders. The
 CC nucleic acid molecules comprising the polymorphic sequences contained
 CC in CYP4501A1, CYP4501A2, CYP4502E1, ANNT, EPHX2, GST12, NNMT, MCO2,
 CC NR112, STM, UGT2B4, UGT2B7, UGT2B15, AHR, MDR1 and/or MDR3 are useful
 CC for screening individuals for altered drug metabolism. The polymorphic
 CC sequences contained in CYP4501A1, CYP4501A2, AHR, MDR1 and/or MDR3 may
 CC also be used to screen individuals for susceptibility to cancer.
 CC Polymorphic sequences in ADRB1 or CHMR2 are used to screen for altered
 CC cardiovascular function, in DAI or CHMR1 for altered susceptibility to
 CC colorectal tumours, in DAI or CHMR1 for altered central nervous system
 CC function, in PLAP and HMMT for altered pulmonary, immunological or
 CC haematological function, in KRX2 for altered serine protease activity in
 CC the prostate, in LTF for altered immunological or haematological
 CC function, in CHMR3, CHMR4 or CHMR5 for altered central and peripheral
 CC nervous system function. The present sequence represents a polymorphic
 CC DNA sequence of the invention.

SO Sequence 21 BP; 8 A; 5 C; 5 G; 3 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1456 CAATCCGAGCCAGAGGAAA 1476

DB 1 CAATTCCTGAGCCAGAGGAAA 21

RESULT 51
 AAH49107
 AAH49107 standard; DNA; 22 BP.

AC AAH49107;

DT 12-NOV-2001 (first entry)

DE Human MTHFR gene associated primer #1.

XX Neonate screening; prenatal screening; gene chip; diagnosis;
 KW phenylketonuria; maple syrup disease; galactosemia; homocysteinuria;
 KW medium-chain acyl-CoA-dehydrogenase deficiency; biotinidase deficiency;
 KW familial hypercholesterolemia; familial defective apolipoprotein-B;
 KW cystic fibrosis; Marfan syndrome; Smith-Lemli-Opitz syndrome;
 KW androgenital syndrome; ss.

OS Homo sapiens.

PN W0200153520-A2.

PD 26-JUL-2001.

PF 09-JAN-2001; 2001WO-BP00139.

PR 21-JAN-2000; 2000DE-1002446.

PA (CULL/) CULLEN P.

XX (SEBD/) SEBDORF U.

PI Cullen P, Seedorf U;

DR WPI; 2001-457616/49.

PT DNA chip, useful for neonatal or prenatal screening for many genetic
 PT diseases simultaneously, carries oligonucleotides complementary to
 PT phenotypically relevant reference sequences -
 XX Claim 4, Page 76; 101pp; German.

XX This invention describes a novel nucleotide support (A; gene chip) which
 CC carries a selection of oligonucleotides (I) that are identical, or
 CC complementary, to segments of reference sequences relevant to at least
 CC two genetically determined phenotypes. (A) are used for simultaneous
 CC diagnosis of at least two of the following diseases: phenylketonuria
 CC (maple syrup disease), galactosemia, homocysteinuria, biotinidase
 CC deficiency, medium-chain acyl-CoA-dehydrogenase deficiency, familial
 CC hypercholesterolemia, familial defective apolipoprotein-B, cystic
 CC fibrosis, Marfan syndrome, Smith-Lemli-Opitz syndrome and androgenital
 CC syndrome. Specifically they are used in neonatal or prenatal diagnosis.
 CC (A) require a relatively small number of separate hybridization regions
 CC (about 500 for testing for 21 specified disorders), so can be used for
 CC simultaneous testing for many diseases. Testing is quick, inexpensive,
 CC reliable and more sensitive than current physiological methods.
 CC AAH4868-AAH489166 represent oligonucleotides used to illustrate the
 CC method of the invention.

SO Sequence 22 BP; 8 A; 5 C; 7 G; 2 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 22;
 Best Local Similarity 85.7%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 178 AAGCAGCAGCTCCTTAAGAAC 198

DB 1 AAGCAGCTGGGCTGAAGAAC 21

RESULT 52
 ABZ77445
 ABZ77445 standard; DNA; 22 BP.

AC ABZ77445;

DT 28-MAY-2003 (first entry)

XX PCR primer used to amplify beta-actin cDNA.

XX Immobilized cell; progenitor cell; neural progenitor cell;

KW brain injury; spinal cord injury; beta-actin; PCR; primer; ss.

OS Synthetic.

PN W02003014320-A2.

PD 20-FEB-2003.

PF 09-AUG-2002; 2002WO-US25389.

PR 10-AUG-2001; 2001US-311626P.

PA (CORR) CORNELL RES FOUND INC.

XX Goldman SA, Roy NS;

PI WPI; 2003-248021/25.

DR WPI; 2003-248021/25.

PT Immortalizing neural progenitor cells useful in treating injuries (e.g.
 PT brain or spinal cord injuries) comprises providing a population of
 PT progenitor cells and immortalizing the cells before or after they are
 PT enriched or purified -

PS Example 5; Page 23; 55pp; English.

CC The specification describes a method of immortalizing progenitor cells,
 CC including neural progenitor cells. The method comprises providing a
 CC population of progenitor cells and immortalizing the population of the

CC progenitor cells either before or after they are enriched or purified.
 CC The method is useful in immortalizing neural progenitor cells that may
 CC be used in treating injuries (e.g. brain or spinal cord injuries) and
 CC other diseases. PCR primers AB27745-46 were used to amplify cDNA
 CC encoding beta-actin from immortalized cells of the invention.
 CC
 SQ Sequence 22 BP; 6 A; 8 C; 3 G; 5 T; 0 other;

Query Match 1.1%; Score 16.2; DB 1; Length 22;
 Best Local Similarity 85.7%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 CACACATCTACACCTGAGCTG 1371
 DB 2 CACACCTTACATCAGCTG 22

RESULT 53
 AA231280/C
 ID AA231280 standard; DNA; 20 BP.

XX AA231280;

XX 24-JAN-2000 (first entry)

XX CCR5 gene inhibiting antisense oligo AS(6)-37.

XX HIV cofactor inhibitor; HIV infection; CXCR4 gene; CCR5 gene;

XX drug composition; antisense; ss.

XX Synthetic.

XX MO9951751-A1.

XX 14-OCT-1999.

XX 01-APR-1999; 99WO-JP01722.

XX 02-APR-1998; 98JP-0125452.

XX (MARI-) MARINE BIO CO LTD.

XX Takaku H, Yamamoto N, Kimura T, Takai K, Wada A;

XX WPI; 1999-620207/53.

XX Antisense oligonucleotide-based HIV cofactor inhibitors, as drug

PT compositions for treatment of HIV infection

PS Claim 6; Page 16; 59pp; Japanese.

XX The invention provides HIV cofactor inhibitors that contain

CC oligonucleotides with a base sequence complementary to the CXCR4 or CCR5

CC genes. Such inhibitors can be formulated into drug compositions for

CC prevention or treatment of HIV infection, with inhibition of expression

CC of CXCR4 or/and CCR5 gene. Sequences AA231244-306 represent antisense

CC oligonucleotides to the CCR5 gene.

XX Sequence 20 BP; 5 A; 8 C; 7 G; 0 U; 0 other;

QY Query Match 1.1%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1295 TGGTCTTCCGCGCTGCT 1310
 16 TGGTCTTCCGCGCTGCT 1

RESULT 54
 AAQ27920/C
 ID AAQ27920 standard; DNA; 20 BP.

AC AAQ27920;
 XX 25-MAR-2003 (updated)
 DT 11-FEB-1993 (first entry)
 XX PCR primer for pBR322.

XX Synthetic; MclI; PCR; amplification; human beta-globin; ss.

XX Synthetic.

XX EP502589-A2.

XX 09-SEP-1992.

XX 04-MAY-1992; 92EP-0201245.

XX 28-MAR-1985; 85US-0716975.

XX 25-OCT-1985; 85US-0791308.

XX 07-FEB-1986; 86US-0828144.

XX (HOPF) HOFMANN LA ROCHER & CO AG F.

XX Arndelm N, Brlich HA, Horn GT, Mullis KB, Saiki RK;

XX Scharf SJ;

XX WPI; 1992-301902/37.

XX Kit for amplification and detection of specific nucleic acid

XX sequences - used to characterise or detect sequences associated

XX with infectious diseases, genetic disorders and cellular

XX disorders

XX Example 9; Page 20; 41pp; English.

XX The synthetic oligomer was used as a PCR primer to amplify a 1000

XX base pair sequence of pBR322, a plasmid contg. a 1.9 kb insert

XX from human beta-globin A allele.

XX See also AAQ27899-38.

XX (Updated on 25-MAR-2003 to correct PN field.)

XX Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;

QY Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 1419 GCTGGGCTGCGGCTGCTG 1437
 20 GCTGGGCTGCGGCTGCTG 2

RESULT 55
 AAQ28633/C
 ID AAQ28633 standard; DNA; 20 BP.

XX AAQ28633;

XX 25-MAR-2003 (updated)

XX 19-FEB-1993 (first entry)

XX pBR322 primer 3.

XX Polymerase chain reaction; PCR; amplify; pBR322; NruI; ss.

XX Synthetic.

XX BP505012-A2.

XX 23-SEP-1992.

XX 27-MAR-1986; 92EP-0201244.

```

PR 28-MAR-1985; 85US-0716975.
PR 25-OCT-1985; 85US-0791308.
PR 07-FEB-1986; 86US-0828144.
XX
PA (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
PI Mullis KB;
XX
DR WPI; 1992-317915/39.
XX
PT Method for amplifying specific nucleic acid sequences - useful
PT for diagnosis of infectious diseases, genetic disorders and
PT cellular disorders such as cancer
XX
PS Disclosure; Page 18; 36pp; English.
XX
CC The sequences given in AAQ28633 and AAQ28629 were used within the scope
CC of the invention to amplify a 100 bp fragment of plasmid pBR322. The
CC template molecule used was an NruI digest of pBR322. The method
CC of the invention allows the exponential amplification of at least one
CC specific nucleic acid sequence contained in a nucleic acid or a
CC mixture of nucleic acids where each nucleic acid consists of 2
CC complementary strands of equal or unequal length, or is single
CC stranded. Primers are selected so as to provide a complementary
CC sequence to each of the specific sequences being amplified.
CC (Updated on 25-MAR-2003 to correct PN field.)
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;
XX
Query Match 1.1%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
QY 1419 GCTGGGCTGCGTCTGCTG 1437
Db 20 GCTGGGCTGCGTCTGCTG 2
XX
RESULT 56
AAQ27747/c
ID AAQ27747 standard; DNA; 20 BP.
XX
AC AAQ27747;
XX
DT 25-MAR-2003 (updated)
DT 10-MAR-1993 (first entry)
XX
DE PCR primer to amplify pBR322 1000bp fragment.
XX
KM Polymerase chain reaction; mutagenesis; Phage T7 promoter; ss.
OS Synthetic.
XX
PN EP509612-A2.
XX
PD 21-OCT-1992.
XX
PF 27-MAR-1986; 92EP-0201243.
XX
PR 28-MAR-1985; 85US-0716975.
PR 25-OCT-1985; 85US-0791308.
PR 07-FEB-1986; 86US-0828144.
XX
PA (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
PI Arnheim N, Etlich HA, Horn GT, Mullis KB, Saiki RK;
PI Schaf SJ;
XX
DR WPI; 1992-351269/43.
XX
PT Amplifying and detecting nucleic acid sequences - by heating
PT sample with oligo:nucleotide primer, denaturing, reannealing with

```

```

PT oligo:nucleotide primers and detecting the resulting amplified
PT sequence
XX
PS Example 9C; Page 20; 42pp; English.
XX
CC This primer can be used with AAQ27745 to amplify a 1000bp fragment of
CC plasmid pBR322. See also AAQ27744 and AAQ27746.
CC (Updated on 25-MAR-2003 to correct PN field.)
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;
XX
Query Match 1.1%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
QY 1419 GCTGGGCTGCGTCTGCTG 1437
Db 20 GCTGGGCTGCGTCTGCTG 2
XX
RESULT 57
AAQ29444/c
ID AAQ29444 standard; DNA; 20 BP.
XX
AC AAQ29444;
XX
DT 25-MAR-2003 (updated)
DT 03-MAR-1993 (first entry)
XX
DB pBR322 PCR primer.
XX
KM Polymerase chain reaction; human beta-globin; ss.
OS Synthetic.
XX
PN EP502588-A2.
XX
PD 09-SEP-1992.
XX
PF 04-MAY-1992; 92EP-0201226.
XX
PR 28-MAR-1985; 85US-0716975.
PR 25-OCT-1985; 85US-0791308.
XX
PA (HOPF ) HOFFMANN LA ROCHE & CO AG F.
XX
PI Mullis KB;
XX
DR WPI; 1992-333322/41.
XX
PT Amplifying specific nucleic acid sequences - using extension
PT prod. synthesised from one primer to serve as template for
PT another primer
XX
PS Example; Page 19; 37pp; English.
XX
CC The sequence is that of a PCR primer used to amplify a 1000 bp fragment
CC of an NruI digest of pBR322 containing a 1.9 kb insert from the human
CC beta-globin A allele. It is used as part of a process for amplifying
CC specific nucleic acid sequences using the extension prod. synthesised
CC from one primer to serve as the template for another primer. This
CC process can be used in the detection and/or characterisation of
CC specific nucleic acid sequences associated with infectious diseases
CC such as those caused by bacteria, viruses and protozoa. genetic
CC disorders such as those caused by specific deletions and/or mutations
CC in genomic DNA or cellular disorders such as cancer. The process can
CC be used to improve the efficiency of cloning of nucleic acid, for
CC obtaining large amts. of the desired sequence from a mixt. of nucleic
CC acids resulting from an imperfect chemical synthesis or for introducing
CC in vitro mutations into a specific sequence.
CC See also AAQ29405-Q29408, AAQ29425-Q29449 and AAQ28078-Q28086.
CC (Updated on 25-MAR-2003 to correct PN field.)

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CC (Updated on 25-MAR-2003 to correct PF field.)
 XX
 SQ Sequence 20 BP; 6 A; 8 C; 5 G; 1 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1419 GCTGGGCTGCTGCTGCTG 1437
 DB 20 GCTGGGCTGCTGCTGCTG 2
 RESULT 58
 AAZ71260/C
 ID AAZ71260 standard; DNA; 20 BP.
 XX
 AC AAZ71260;
 XX
 DT 10-SEP-2001 (first entry)
 XX
 DE Human biallelic marker upstream amplification primer SEQ ID NO:5616.
 XX
 KW Human genome; biallelic marker; high density disequilibrium map;
 KW genomic map; haplotype; phenotype; polymorphic base; genotyping;
 KW haplotyping; hybridisation; identification; characterisation;
 KW amplification; single nucleotide polymorphism; SNP; PCR primer;
 KW diagnosis; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO954500-A2.
 XX
 PD 28-OCT-1999.
 XX
 PF 21-APR-1999; 99WO-IB00822.
 XX
 PR 21-APR-1998; 98US-0082614.
 PR 23-NOV-1998; 98US-0109732.
 XX
 PA (BEST) GENSET.
 XX
 PI Cohen D, Blumenfeld M, Chumakov I;
 XX
 DR WPI; 2000-013267/01.
 XX
 PT Novel biallelic markers used to construct a high density disequilibrium
 PS map of the human genome -
 XX
 PS Claim 8; Page 1426; 2745pp; English.
 XX
 CC AA265654 to AA269578 represent human biallelic markers from the present
 CC invention, which contain a polymorphic base at position 24 of their
 CC nucleotide sequences. AA269579 to AA277440 represent amplification
 CC primers for the biallelic markers. The biallelic markers of the
 CC invention have a variety of uses: they can be used for high density
 CC mapping of the human genome, and in complex association studies and
 CC haplotyping studies which are useful in determining the genetic basis
 CC for disease states. Compositions and methods of the invention can also
 CC be useful for the identification of the targets for the development of
 CC pharmaceutical agents and diagnostic methods, as well as the
 CC characterisation of the differential efficacious responses to and side
 CC effects from pharmaceutical agents acting on a disease as well as other
 CC treatment.
 CC N.B. The SEQ ID NOs 2852, 2913, 2974, 3035, 3096, 3157, 3227, 3297
 CC and 3367, are not actually given a sequence in the sequence listing
 CC from the present invention.
 XX
 SQ Sequence 20 BP; 4 A; 1 C; 7 G; 8 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 CATCACTTCAACACAC 393
 DB 19 CATCACTTCAACACAC 1
 RESULT 59
 AAF74114/C
 ID AAF74114 standard; DNA; 20 BP.
 XX
 AC AAF74114;
 XX
 DT 30-APR-2001 (first entry)
 XX
 DE Primer #48.
 XX
 KW Solute carrier family 6 neurotransmitter transporter, section 4;
 KW SLC6A4; genotyping; allele specific oligonucleotide; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200109161-A1.
 XX
 PD 08-FEB-2001.
 XX
 PF 31-JUL-2000; 2000WO-US20638.
 XX
 PR 29-JUL-1999; 99US-0146290.
 XX
 PA (GENA-) GENAISSANCE PHARM INC.
 XX
 PI Denton RR, Duda A, Nandabalan K, Sanchis A, Stephens JC;
 XX
 DR WPI; 2001-123317/13.
 XX
 PT New isolated polynucleotide comprising a polymorphic variant for the
 PT solute carrier family 6 neurotransmitter transporter, serotonin member
 PT 4; gene for identifying drugs for treating disorders related to
 PT expression of the protein -
 XX
 PS Example 1; Page 36; 152pp; English.
 XX
 CC The present invention relates to a polymorphic variant of a reference
 CC sequence for the solute carrier family 6 neurotransmitter
 CC transporter, serotonin member 4 (SLC6A4) gene or a fragment of it
 CC or a sequence complementary to the first sequence.
 CC The invention is used in producing a recombinant organism
 CC that can be used to express SLC6A4 for protein structure analysis and
 CC binding studies. A composition comprising a genotyping oligonucleotide
 CC is used to detect a polymorphism in the SLC6A4 gene.
 XX
 SQ Sequence 20 BP; 6 A; 2 C; 9 G; 3 T; 0 other;
 Query Match 1.1%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 548 CCTTGCATTTCACACCT 566
 DB 19 CCTTGCATTTCACACCT 1
 RESULT 60
 AAH88822/C
 ID AAH88822 standard; DNA; 21 BP.
 XX
 AC AAH88822;
 XX
 DT 27-FEB-2002 (first entry)
 XX
 DE Human polymorphic oligonucleotide X55071 fragment.
 XX
 KW Human; single nucleotide polymorphic; SNP; forensic science;

KW paternity testing; phenotypic traits; genetic mapping; animal breeding;
 XX plant breeding; ds.
 OS Homo sapiens.
 PH Key Location/Qualifiers
 FT Variation replace(11,t)
 PT /tag= a
 XX /standard_name= "single nucleotide polymorphism"
 PN MO200134840-A2.
 PD 17-MAY-2001.
 XX 10-NOV-2000; 2000MO-US30766.
 XX 10-NOV-1999; 99US-0164596.
 PR (GLAXO) GLAXO GROUP LTD.
 PA (AFRY-) AFRYMETRIX INC.
 PI Au K, Chen J, Patil N, Thomas D;
 XX WPI, 2001-335945/35.
 DR New polymorphic sites derived from the human genome are useful to
 XX determine sites correlating with phenotypic traits, particularly
 PT disease, and also in forensics and paternity testing -
 XX
 PS Claim 29; Page 7; 43pp; English.
 CC The present invention relates to human oligonucleotides comprising a
 CC single nucleotide polymorphic site (SNP: AAH89797-AAH89219). The present
 CC sequence is one such oligonucleotide. The oligonucleotides can be used in
 CC forensics, paternity testing, correlation of polymorphisms with
 CC phenotypic traits, genetic mapping of phenotypic traits and marker
 CC assisted breeding of animals and crop plants.
 XX
 SQ Sequence 21 BP; 3 A; 5 C; 9 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 1.7e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1378 ATGCCCAAGCGTGAAGCACT 1396
 DB 19 ATGCCCAAGCGCGATGCACT 1
 XX
 RESULT 61
 ACC42182
 ID ACC42182 standard; DNA; 21 BP.
 XX
 AC ACC42182;
 XX
 DT 21-MAY-2003 (first entry)
 XX
 DE Human cytochrome c oxidase subunit VIIa PCR primer SEQ ID NO:23.
 XX
 KW Intrinsic reporter; cell signalling; drug profile; toxicity screening;
 KW signal transduction pathway; diabetes; cancer; neuropsychiatric disorder;
 KW chronic pain; acute pain; gastrointestinal disorder; PCR primer; ss.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 PN WO2003016327-A1.
 XX
 PD 27-FEB-2003.
 XX
 PF 14-AUG-2002; 2002MO-US25772.
 XX
 PR 14-AUG-2001; 2001US-312220P.

PR 26-SEP-2001; 2001US-324895P.
 XX
 PA (MOUN) MOUNT SINAI SCHOOL MEDICINE.
 XX
 PI Sealton S, Numbach E, Yuen T;
 XX
 DR HPI, 2003-268296/26.
 XX
 PT New solid substrate comprising several polymers or 50-1000 different
 PT nucleic acids coupled to the solid substrate in a different known
 PT location, useful for high content drug profiling and toxicity screening
 XX
 PS Disclosure; Page 46; 86pp; English.
 XX
 CC The present invention describes a solid substrate comprising several
 CC polymers or 50-1000 different nucleic acids coupled to the solid
 CC substrate in a different known location. Also described: (1) identifying
 CC a gene(s) that is/are up-regulated by an agent; and (2) selecting a
 CC candidate compound. The solid substrate comprising the intrinsic
 CC reporters of cell signalling are useful for high content drug profiling
 CC and toxicity screening. The methods are useful for identifying set of
 CC genes that can be used in the initial stages of signal transduction
 CC pathways. The intrinsic reporters of cell signalling are also useful for
 CC identifying potential drugs that can be used to modulate conditions or
 CC diseases that are due to malfunctioning of one or more signal
 CC transduction pathways, e.g. diabetes, cancer, neuropsychiatric disorders,
 CC chronic and acute pain, or gastrointestinal disorders. ACC42160 to
 CC ACC42281 represent oligonucleotide sequences which are used in the
 CC exemplification of the present invention.
 XX
 SQ Sequence 21 BP; 6 A; 2 C; 9 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 1.7e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1130 TGCCAGAACGCGTGAAGCACTGG 1148
 DB 3 TTGCAGAACGCGTGAAGCACTGG 21
 XX
 RESULT 62
 ABR86685/c
 ID ABR86685 standard; DNA; 22 BP.
 XX
 AC ABR86685;
 XX
 DT 28-AUG-2002 (first entry)
 XX
 DE Human ELC RT-PCR primer #1.
 XX
 KW ELC; RT-PCR; primer; ss; human; dendritic cell; interleukin 15;
 KW autoantigen; autoimmune disease; juvenile diabetes; infectious disease;
 KW rheumatoid arthritis; systemic lupus erythematosus; vaccine;
 KW ankylosing spondylitis; multiple sclerosis; myasthenia gravis;
 KW reverse transcription.
 XX
 OS Homo sapiens.
 XX
 PN WO200240647-A1.
 XX
 PD 23-MAY-2002.
 XX
 PF 14-NOV-2000; 2000MO-US31465.
 XX
 PR 14-NOV-2000; 2000MO-US31465.
 XX
 PA (USGA) US ARMY MEDICAL RES INST INFECTIOUS DISB.
 XX
 PI Ulrich RG, Salih KU;
 XX
 DR WPI, 2002-508324/54.

XX Producing cultures of dendritic cells useful for inducing
PT T-cell-mediated immune response to antigen in a subject by contacting
PT monocytes obtained from a tissue source with differentiating amount of
PT interleukin-15
XX
PS Disclosure; Page 25; 49pp; English.

CC This invention relates to a novel method for producing cultures of
CC dendritic cells (DC). The method of the invention involves obtaining
CC monocytes from a tissue source, and contacting the monocytes with a
CC sufficient amount of interleukin-15 (IL-15) for a sufficient period of
CC time to result in differentiation of monocytes into DC. The method of
CC the invention may be used for providing immunity in a subject against
CC an antigen e.g., a peptide such as viral peptide, bacterial peptide,
CC parasitic peptide or cancer cell peptide. Modified antigens produced by
CC a method of the invention are useful for inducing an immune response to
CC a native antigen. The modified antigens are also useful for activating
CC T-cells which involves presenting the antigens to the T-cells in vitro
CC or in situ. An autotigen produced using the method of the invention is
CC useful for treating an individual with an autoimmune disease, such that
CC tolerance to the autotigen is produced in the individual. A modified
CC antigen is useful for immunising animals or humans to prevent or treat
CC disease. An autotigen can be used for treating an autoimmune disease
CC such as juvenile diabetes, myasthenia gravis, rheumatoid arthritis,
CC systemic lupus erythematosus, ankylosing spondylitis, multiple
CC sclerosis. A vaccine is useful for immunising against diseases in humans
CC or animals, and for treating infectious diseases including mycobacteria,
CC bacteria, parasites and viruses. Using the method of the invention, the
CC DC's are obtained in sufficient quantities to be used to treat or
CC immunise animals or humans. In addition the DC may be obtained in
CC sufficient quantities to be useful as reagents to modify antigens in a
CC manner to make the antigens more effective as T-cell dependent antigens.
CC By being able to prepare DC in large numbers, other previously
CC unexplored areas of dendritic function may not be determined. The
CC present sequence represents an E1C cytokine specific reverse
CC transcription (RT) PCR primer used to amplify the E1C gene in
CC experiments to measure transcriptional activation of chemokine genes in
CC the dendritic cells of produced using the method of the invention.

SO Sequence 22 BP; 3 A; 11 C; 3 G; 5 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1324 AGCGGGCCATGAGGGGCG 1342
19 AGCAGGGCCATGAGGGGTG 1

DE Human NF-kappaB associated polynucleotide PCR primer #37.
XX
XX Human; nuclear factor-kappaB; NF-kappaB; immune disorder; cancer;
XX inflammatory disorder; apoptosis; hepatic disorder; Hodgkin's lymphoma;
XX haematopoietic tumour; hyper-igm syndrome; viral infection; asthma;
XX hypohidrotic ectodermal dysplasia; human immunodeficiency virus; HIV;
XX X-linked anhidrotic ectodermal dysplasia; al incontinentia pigmenti;
XX influenza; rheumatoid arthritis; inflammatory bowel disease; colitis;
XX atherosclerosis; cachexia; euthyroid sick syndrome; stroke; RAB;
XX experimental allergic encephalomyelitis; autoimmune disorder; wound;
XX hyper immune activity; acute phase response; hypercongenital condition;
XX signal transduction; hyperproliferative disorder; diabetes mellitus;
XX vitamin B12 malabsorption; neurological disorder; Huntington's chorea;

KW Turner's syndrome; bacterial infection; cardiovascular disorder;
KW infertility; psoriasis; hemolytic anaemia; anti-inflammatory; anti-HIV;
KW cyclostatic; hepatotropic; viricide; antirheumatic; antarthritic;
KW antiepileptic; immunomodulator; antidiabetic; antiallergic;
KW neuroprotective; immunosuppressive; vulnerary; antibacterial;
KW antifertility; antianaemic; antiporiatic; cerebroprotective;
KW cardiant; arteriosclerotic; PCR; primer; ss.

XX Homo sapiens.
XX
XX MO200286076-A2.
XX
XX 31-OCT-2002.
XX
XX 19-APR-2002; 2002MO-US12636.
XX
XX 19-APR-2001; 2001US-284962P.
XX
XX 26-APR-2001; 2001US-286645P.
XX
XX 09-JAN-2002; 2002US-346986P.
XX
XX (BRIM) BRISTOL-MYERS SQUIBB CO.
XX
XX Carman J, Feder J, Nadler S;
XX
XX WPI; 2003-093119/08.

PT Novel NF-kappaB-associated polypeptides and polynucleotides useful for
PT diagnosing, treating and preventing cancer, hepatic disorders, aberrant
PT apoptosis, viral infections, autoimmune disorders, asthma and stroke -
XX
XX Example 3; Page 341; 608pp; English.

CC The present invention relates to the isolation of human nuclear
CC factor-kappaB (NF-kappaB) associated polypeptides and polynucleotides.
CC The NF-kappaB associated polypeptide and polynucleotide sequences
CC are useful for preventing, treating or ameliorating various disorders
CC including immune disorders, inflammatory disorders, cancers,
CC disorders relating to aberrant apoptosis, hepatic disorders,
CC Hodgkin's lymphomas, haematopoietic tumours, hyper-igm syndromes,
CC hypohidrotic ectodermal dysplasia, X-linked anhidrotic ectodermal
CC dysplasia, immunodeficiency, al incontinentia pigmenti, viral
CC infections (e.g. those caused by human immunodeficiency virus (HIV),
CC C. Epstein Barr virus (EBV), influenza), rheumatoid arthritis,
CC inflammatory bowel disease, colitis, asthma, atherosclerosis, cachexia,
CC euthyroid sick syndrome, stroke, experimental allergic encephalomyelitis
CC (EAE), autoimmune disorders, disorders related to hyper immune activity,
CC disorders related to aberrant acute phase responses, hypercongenital
CC conditions, birth defects, necrotic lesions, wounds, organ transplant
CC rejection, disorders related to aberrant signal transduction,
CC hyperproliferative disorders, diseases of the pancreas (e.g. diabetes
CC mellitus, vitamin B12 malabsorption), neurological disorders (e.g.
CC Huntington's chorea), Turner's syndrome, bacterial infections,
CC cardiovascular disorders, infertility, psoriasis and haemolytic anaemia.
CC The present sequence represents a PCR primer used in the examples of
CC the present invention.

SO Sequence 22 BP; 4 A; 3 C; 7 G; 8 T; 0 other;

Query Match 1.1%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1552 ATGACATCAGCTCCCAAGG 1570
19 ATGACATCAGCTCCCAAGG 1

DE Human NF-kappaB associated polynucleotide PCR primer #37.
XX
XX Human; nuclear factor-kappaB; NF-kappaB; immune disorder; cancer;
XX inflammatory disorder; apoptosis; hepatic disorder; Hodgkin's lymphoma;
XX haematopoietic tumour; hyper-igm syndrome; viral infection; asthma;
XX hypohidrotic ectodermal dysplasia; human immunodeficiency virus; HIV;
XX X-linked anhidrotic ectodermal dysplasia; al incontinentia pigmenti;
XX influenza; rheumatoid arthritis; inflammatory bowel disease; colitis;
XX atherosclerosis; cachexia; euthyroid sick syndrome; stroke; RAB;
XX experimental allergic encephalomyelitis; autoimmune disorder; wound;
XX hyper immune activity; acute phase response; hypercongenital condition;
XX signal transduction; hyperproliferative disorder; diabetes mellitus;
XX vitamin B12 malabsorption; neurological disorder; Huntington's chorea;

```

XX 18-MAR-2003 (first entry)
DT hm1p3beta sense primer.
DE
XX Primer; PCR; RT-PCR; dendritic cell; dendrite; interferon; IFN;
KM granulocyte/macrophage-colony stimulating factor; GM-CSF; cytokine;
KM interleukin-4; IL-4; mononuclear cell; lymphoma; Epstein-Barr virus;
KM peripheral blood mononuclear cell; PBMC; vaccine; viral infection;
KM HIV; HBV; HCV; HB.
XX Homo sapiens.
OS
XX MO200288328-A2.
XX 07-NOV-2002.
XX 29-APR-2002; 2002MO-EP04709.
XX 27-APR-2001; 2001US-0845042.
XX (SUPE-) INST SUPERIORE DI SANITA.
XX Belardelli F, Santini SM, Parlato S, Di Pucchio T, Logozzi M;
PI La Penta C, Ferrantini M, Santodonato L, D'agostino G;
XX MPI; 2003-120470/11.
XX
XX Preparation of dendritic cells, useful in a vaccine or a pharmaceutical
PT composition for the prevention and/or treatment of infectious or
PT neoplastic disease, comprises culturing mononuclear cells in a medium
PT with type I interferon -
XX
XX Example 4; Page 40; 91pp; English.
XX
XX The sequences given in ABA00734-37 are primers which were used to
CC amplify retrotranscribed RNA for CCR7 and hm1p3beta to evaluate the
CC expression of the MIP3beta receptor, CCR7, in interferon-dendritic cells.
CC The dendritic cells used were the cells of the invention which were
CC prepared by culturing mononuclear cells in a culture medium containing
CC type I IFN, where the mononuclear cells are total peripheral blood
CC mononuclear cells (PBMCs), adherent PBMCs and highly purified CD14+
CC monocytes isolated from PBMCs. The dendritic cells are useful for the
CC preparation of a vaccine or a pharmaceutical composition for the
CC prevention or the treatment of a pathology associated with the presence
CC of an antigen in the human body. The pathology is an infectious or
CC neoplastic disease. The infectious disease is a viral infection,
CC preferably HIV, HBV or HCV infection. The neoplastic disease is
CC lymphoma, and virally induced, preferably by an Epstein-Barr virus.
XX
XX Sequence 22 BP; 3 A; 11 C; 3 G; 5 T; 0 other;
SQ
XX
XX Query Match 1.1%; Score 15.8; DB 1; Length 22;
XX Best Local Similarity 89.5%; Pred. No. 1.9e+02;
XX Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
XX 1324 AGCGGGGCGATGAGGGG 1342
XX |||||
XX 19 AGCAGGGCGCATGAGGGTG 1

```

```

KM tumour necrosis factoralpha; TNFalpha;
KM macrophage inflammatory protein-1alpha; MIP-1alpha; fractalkane;
KM glial fibrillar associated protein; GFAP; MHC; CX3CR1; CD86;
KM major histocompatibility complex; Alzheimer's disease; cerebral ischaemia;
KM neurodegenerative disease.
XX
XX Mus sp.
XX
XX MO200175165-A2.
XX 11-OCT-2001.
XX
XX 30-MAR-2001; 2001MO-US10247.
XX
XX 30-MAR-2000; 2000US-193847P.
XX
XX (BLAN-) BLAN PHARM INC.
XX
XX McConlogue LC, Games KD, Yednock TA, Hua T, Messersmith E, Bard F;
XX MPI; 2001-639367/73.
XX
XX Selecting compounds useful for treating or preventing Alzheimer's
PT disease, from their ability to reduce levels of specific disease
PT markers in animal models -
XX
XX Example 1; Page 17; 36pp; English.
XX
XX The invention relates selecting compounds that reduce symptoms of
CC Alzheimer's disease using a non-human mammal that has been subjected to
CC cerebral ischaemia or lesion of a nerve so as to produce, in the
CC affected region, increased levels of specific markers of Alzheimer's
CC disease-associated inflammation. Test compounds are selected if they
CC reduce levels of these markers significantly, in the affected region,
CC relative to controls. The markers are interleukin-1beta (IL-1b), tumour
CC necrosis factoralpha (TNFalpha), macrophage inflammatory protein-1alpha
CC (MIP-1alpha), glial fibrillar associated protein (GFAP), MHC (major
CC histocompatibility complex) Iialpha or II L, CD86, fractalkane or CX3CR1
CC (a receptor for fractalkane). The method is used to identify compounds
CC useful in treatment or prevention of Alzheimer's disease or other
CC neurodegenerative diseases that have an inflammatory component. The
CC method provides fast, accurate and quantitative drug screens.
CC The present sequence is a probe used in a quantitative PCR
CC experiment to determine the level of a transcript for a marker of the
CC invention.
XX
XX Sequence 22 BP; 2 A; 9 C; 6 G; 5 T; 0 other;
SQ
XX
XX Query Match 1.1%; Score 15.6; DB 1; Length 22;
XX Best Local Similarity 81.8%; Pred. No. 2e+02;
XX Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX 1564 CCCAAGGCGCTGCTGCTGAGG 1585
XX |||||
XX 1 CCCAAGTCCCTGCTGCTGCG 22

```

```

RESULT 65
AAS15269
ID AAS15269 standard; DNA; 22 BP.
XX
XX AAS15269;
XX
XX 16-JAN-2002 (first entry)
XX
XX Mouse MHC1alpha PCR probe; mMHC II(1a) a chain-335T.
XX
XX Mouse; mMHC II(1a) a chain-335T; ss; probe; nucleotide;
KM neuroprotective; antiinflammatory; interleukin-1beta; IL-1b;

```

```

RESULT 66
ABS58871/c
ID ABS58871 standard; DNA; 22 BP.
XX
XX ABS58871;
XX
XX 05-NOV-2002 (first entry)
XX
XX Human G-protein coupled receptor, forward primer #9.
XX
XX Human; G-protein coupled receptor; GPCR; cardiomyopathy; atherosclerosis;
KM diabetes; cell signal processing; metabolic pathway modulation; cancer;
KM adenocarcinoma; lymphoma; prostate cancer; uterine cancer; asthma;
KM immune response; neurodegenerative disorder; inflammatory disorder;
KM Crohn's disease; multiple sclerosis; Albritght hereditary osteodystrophy;
KM primer; PCR; ss.

```

XX OS Homo sapiens.
 XX PN WO200259313-A2.
 XX PD 01-AUG-2002.
 XX PP 18-DEC-2001; 2001WO-US49394.
 PR 18-DEC-2000; 2000US-256635P.
 PR 21-DEC-2000; 2000US-257876P.
 PR 04-JAN-2001; 2001US-259743P.
 PR 10-JAN-2001; 2001US-260718P.
 PR 12-JAN-2001; 2001US-261498P.
 PR 24-JAN-2001; 2001US-263689P.
 PR 08-FEB-2001; 2001US-267464P.
 PR 22-FEB-2001; 2001US-271021P.
 PR 14-MAR-2001; 2001US-275946P.
 PR 23-MAR-2001; 2001US-278150P.
 PR 19-JUN-2001; 2001US-299327P.
 PR 16-AUG-2001; 2001US-312902P.
 XX (CURA-) CURAGEN CORP.
 XX PA
 XX PI Li L, Ballinger RA, Padigaru M, Kekuda R, Colman SD, Spytek KA;
 PI Casman SJ, Vernet CM, Shenoy SG, Gusev V, Malyanekar UM;
 PI Edinger S, Gerlach V, Smithson G, Stone DJ, Sciore P;
 PI MacDougall JR, Gunther E, Peyman JA, Ellerman K, Gangolli EA;
 PI Miller I;
 XX MPI; 2002-599789/64.
 XX PT New G protein coupled receptor polypeptides and polynucleotides, useful
 XX PT in gene therapy, particularly for treating or preventing
 XX PT cardiovascular, atherosclerosis, diabetes, multiple sclerosis, Crohn's
 XX PT disease or cancer in humans -
 XX PS Claim 1; Page 226; 6855p; English.
 XX CC The invention relates to novel isolated G-protein coupled receptor
 CC (GPCR) polypeptides and polynucleotides. The GPCR polypeptide, GPCR
 CC nucleic acid and antibody are useful for treating, preventing or
 CC alleviating a GPCR-associated disorder or a pathological state in a
 CC subject, particularly a human. In particular, the disorder is
 CC cardiomyopathy, atherosclerosis, diabetes, or a disorder related to cell
 CC signal processing and metabolic pathway modulation. The GPCR polypeptide
 CC and nucleic acid are also useful for diagnosing the presence of or
 CC predisposition to a disease associated with altered levels of GPCR,
 CC particularly cancer. The GPCR nucleic acid and polypeptide are especially
 CC useful in therapeutic or prophylactic applications for disorders
 CC associated with aberrant GPCR expression or activity. The DNA encoding
 CC the protein is useful in gene therapy for treating the above conditions.
 CC Furthermore, the nucleic acids and polypeptides are useful in treating
 CC adenocarcinoma, lymphoma, prostate cancer, uterine cancer, immune
 CC response, neurodegenerative disorders, asthma, inflammatory disorders,
 CC Crohn's disease, multiple sclerosis or Albritght hereditary
 CC osteodystrophy. These are also useful in developing a powerful assay
 CC system for functional analysis of various human disorders, as well as in
 CC diagnostic applications. ABS58747-ABS58747 represent human GPCR
 CC coding sequences, primers and probes of the invention.
 XX SX Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;
 XX QY Query Match 1.1%; Score 15.6; DB 1; Length 22;
 XX DB Best Local Similarity 81.8%; Pred. No. 2e+02; Indels 0; Gaps 0;
 XX Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 747 GAACATCAGCAGATCCACTTC 768
 DB 22 GTACATCAGCAGATTCCTC 1

RESULT 67

ABS5874/c
 ID ABS5874 standard; DNA: 22 BP.
 XX AC ABS5874;
 XX DT 05-NOV-2002 (first entry)
 XX DE Human G-protein coupled receptor, forward primer #10.
 XX KW Human; G-protein coupled receptor; GPCR; cardiomyopathy; atherosclerosis;
 KW diabetes; cell signal processing; metabolic pathway modulation; cancer;
 KW adenocarcinoma; lymphoma; prostate cancer; uterine cancer; asthma;
 KW immune response; neurodegenerative disorder; inflammatory disorder;
 KW Crohn's disease; multiple sclerosis; Albritght hereditary osteodystrophy;
 KW primer; PCR; ss.
 XX OS Homo sapiens.
 XX PN WO200259313-A2.
 XX PD 01-AUG-2002.
 XX PP 18-DEC-2001; 2001WO-US49394.
 PR 18-DEC-2000; 2000US-256635P.
 PR 21-DEC-2000; 2000US-257876P.
 PR 04-JAN-2001; 2001US-259743P.
 PR 10-JAN-2001; 2001US-260718P.
 PR 12-JAN-2001; 2001US-261498P.
 PR 24-JAN-2001; 2001US-263689P.
 PR 08-FEB-2001; 2001US-267464P.
 PR 22-FEB-2001; 2001US-271021P.
 PR 14-MAR-2001; 2001US-275946P.
 PR 23-MAR-2001; 2001US-278150P.
 PR 19-JUN-2001; 2001US-299327P.
 PR 16-AUG-2001; 2001US-312902P.
 XX (CURA-) CURAGEN CORP.
 XX PA
 XX PI Li L, Ballinger RA, Padigaru M, Kekuda R, Colman SD, Spytek KA;
 PI Casman SJ, Vernet CM, Shenoy SG, Gusev V, Malyanekar UM;
 PI Edinger S, Gerlach V, Smithson G, Stone DJ, Sciore P;
 PI MacDougall JR, Gunther E, Peyman JA, Ellerman K, Gangolli EA;
 PI Miller I;
 XX MPI; 2002-599789/64.
 XX PT New G protein coupled receptor polypeptides and polynucleotides, useful
 XX PT in gene therapy, particularly for treating or preventing
 XX PT cardiovascular, atherosclerosis, diabetes, multiple sclerosis, Crohn's
 XX PT disease or cancer in humans -
 XX PS Claim 9; Page 226; 6855p; English.
 XX CC The invention relates to novel isolated G-protein coupled receptor
 CC (GPCR) polypeptides and polynucleotides. The GPCR polypeptide, GPCR
 CC nucleic acid and antibody are useful for treating, preventing or
 CC alleviating a GPCR-associated disorder or a pathological state in a
 CC subject, particularly a human. In particular, the disorder is
 CC cardiomyopathy, atherosclerosis, diabetes, or a disorder related to cell
 CC signal processing and metabolic pathway modulation. The GPCR polypeptide
 CC and nucleic acid are also useful for diagnosing the presence of or
 CC predisposition to a disease associated with altered levels of GPCR,
 CC particularly cancer. The GPCR nucleic acid and polypeptide are especially
 CC useful in therapeutic or prophylactic applications for disorders
 CC associated with aberrant GPCR expression or activity. The DNA encoding
 CC the protein is useful in gene therapy for treating the above conditions.
 CC Furthermore, the nucleic acids and polypeptides are useful in treating
 CC adenocarcinoma, lymphoma, prostate cancer, uterine cancer, immune
 CC response, neurodegenerative disorders, asthma, inflammatory disorders,
 CC Crohn's disease, multiple sclerosis or Albritght hereditary
 CC osteodystrophy. These are also useful in developing a powerful assay
 CC system for functional analysis of various human disorders, as well as in

CC diagnostic applications. ABS58747-ABS59231 represent human GPCR
 CC coding sequences, primers and probes of the invention.
 SQ Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;

Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

747 GAACATCAGACAGATCCACCTC 768
 22 GTACATCAGACAGATTCCTC 1

RESULT 68
 ABR95536/C
 ID ABR95536 strand; DNA; 22 BP.

AC ABR95536;

DT 24-SEP-2002 (first entry)

DE Novel G-protein coupled receptor forward primer #18.

KW G protein coupled receptor; GPCR; olfactory receptor;
 KW cell signal processing disorder; metabolic pathway modulation;
 KW cardiomyopathy; atherosclerosis; diabetes; developmental disease;
 KW immune disease; taste disorder; scent detectability disorder; obesity;
 KW Burkitt's lymphoma; corticosteroidic disease; infectious disease; pain;
 KW signal transduction pathway disorder; metabolic pathway disorder;
 KW retinal disease; metabolic disorder; cancer; Parkinson's disease;
 KW acute heart failure; urinary retention; osteoporosis; Crohn's disease;
 KW ulcer; allergy; neurological disorder; genetic disorder; transplantation;
 KW fertility; pancreatitis; hyperthyroidism; Endometriosis;
 KW forensic biology; transgenic animal; real time quantitative PCR; RTQ-PCR;
 KW primer; ss.

OS Synthetic.

PN WO200240539-A2.

PD 23-MAY-2002.

PF 16-OCT-2001; 2001WO-US32256.

PR 16-OCT-2000; 2000US-240704P.

PR 26-OCT-2000; 2000US-243497P.

PR 31-OCT-2000; 2000US-24442P.

PR 03-NOV-2000; 2000US-245484P.

PR 12-DEC-2000; 2000US-255017P.

PR 17-JAN-2001; 2001US-262159P.

PR 22-JAN-2001; 2001US-263216P.

PR 22-JAN-2001; 2001US-263340P.

PR 25-JAN-2001; 2001US-264118P.

PR 12-FEB-2001; 2001US-268225P.

PR 15-FEB-2001; 2001US-289031P.

PR 27-JUL-2001; 2001US-308203P.

PA (CURA-) CURAGEN CORP.

PI Kekuda R, Szytek KA, Casman SJ, Zetser BD, Li L, Tchernev VT;
 PI Colman SD, Ballinger RA, Padigaru M, Wolenc AR, Shenoy SG;
 PI Edinger SR, Gerlach V, Gangoli EA, Macdougall JR, Smithson G;
 PI Peyman JA, Stone DJ, Gunther E, Ellerman K, Grose WM;
 PI Alsbrook JP, Lepley DM, Burgess CB;
 PI WPI, 2002-500205/53.

PT Novel G protein coupled receptor especially olfactory receptor
 PT polypeptides and nucleic acids for diagnosing and treating
 PT atherosclerosis, cardiomyopathy and diabetes -
 XX Example 2; Page 245; 309pp; English.

XX The invention describes an isolated G protein coupled receptor X
 CC (GPCR1-12) polypeptide, especially an olfactory receptor. GPCR
 CC polypeptides are useful for identifying an agent that binds to the
 CC polypeptide and for identifying a candidate substance or ligand molecules
 CC interacting with an olfactory receptor polypeptide. The polypeptide, (I)
 CC and (II) are also useful for treating diseases and disorders related to
 CC cell signal processing and metabolic pathway modulation e.g.
 CC cardiomyopathy, atherosclerosis and diabetes, and developmental diseases,
 CC immune disease, taste and scent detectability disorders, Burkitt's
 CC lymphoma, corticosteroidic disease, signal transduction pathway
 CC disorders, metabolic pathway disorders, pain, cancer, Parkinson's
 CC disease, acute heart failure, urinary retention, osteoporosis, Crohn's
 CC disease, ulcers, allergies, neurological disorders, genetic disorder,
 CC transplantation, fertility, pancreatitis, hyperthyroidism and
 CC Endometriosis. GPCR sequences are also useful for identifying a cell or
 CC tissue type in a biological sample, to amplify DNA sequences from very
 CC small biological samples such as tissues e.g. hair or skin or body fluids
 CC in forensic biology. Cells comprising (I) are useful for producing
 CC non-human transgenic animals for studying the function and/or activity of
 CC GPCR protein and for identifying and/or evaluating modulators of GPCR
 CC protein activity. This sequence represents a PCR primer used in the
 CC invention for real time quantitative (RTQ)-PCR for G-protein coupled
 CC receptor sequences in order to study gene expression.

SQ Sequence 22 BP; 6 A; 3 C; 8 G; 5 T; 0 other;
 Query Match 1.1%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 2e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

747 GAACATCAGACAGATCCACCTC 768
 22 GTACATCAGACAGATTCCTC 1

RESULT 69
 AAX75274/C

ID AAX75274 strand; RNA; 17 BP.

AC AAX75274;

DT 28-JUL-1999 (first entry)

DE Mouse flt-1 VEGF receptor hammerhead ribozyme substrate #802.

KW Vascular endothelial growth factor receptor; VEGF receptor; flt-1;
 KW flk-1; KDR; hammerhead ribozyme; hairpin ribozyme; cleavage;
 KW tumour angiogenesis; psoriasis; rheumatoid arthritis; ocular disease;
 KW fms-like tyrosine kinase 1; kinase insert domain containing receptor;
 KW foetal liver kinase 1; ss.

OS Mus sp.

PN WO9715662-A2.

PD 01-MAY-1997.

PF 25-OCT-1996; 96WO-US17480.

PR 11-JAN-1996; 96US-0584040.

PR 26-OCT-1995; 95US-0005974.

PA (CHIR) CHIRON CORP.

PI (RIBO-) RIBOZYME PHARM INC.

PI Bascobedo J, McSwiggan J, Pavco P, Stinchcomb D;
 PI WPI, 1997-259017/23.

PT Nucleic acid molecule modulating VEGF receptor(s) gene expression or
 PT mRNA stability - useful for treating e.g. tumour angiogenesis,
 XX Example 2; Page 245; 309pp; English.

PT psoriasis, rheumatoid arthritis, etc., in a human patient
 XX
 PS Claim 4; Page 179; 218pp; English.
 XX
 CC The present invention describes nucleic acid molecules which modulate
 CC the synthesis, expression and/or stability of a mRNA encoding 1 or more
 CC receptors of vascular endothelial growth factor (VEGF). A patient
 CC (preferably human) having a condition associated with the level of the
 CC fms-like tyrosine kinase 1 (flt-1), kinase insert domain containing
 CC receptor (KDR) and/or foetal liver kinase 1 (flk-1) (e.g. tumour
 CC angiogenesis, ocular diseases, psoriasis and rheumatoid arthritis) can
 CC be treated by administering the nucleic acid molecule or the expression
 CC vector to the patient. AAX67275 to AAX75752 represent specific examples
 CC of nucleic acid molecules from the present invention.
 XX
 SQ Sequence 17 BP; 4 A; 6 C; 4 G; 3 U; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 872 CTGAGCTCTCGCTGAG 888
 17 CTGAGCTCTAGCTGAG 1
 RESULT 70
 AAC70426/c
 ID AAC70426 standard; DNA; 17 BP.
 XX
 AC AAC70426;
 XX
 DT 09-FEB-2001 (first entry)
 XX
 DE Single nucleotide polymorphism PCR primer #171.
 XX
 KM Single nucleotide polymorphism; SNP; human; genetic disease;
 KM disease susceptibility; cardiovascular system; endocrine system;
 KM neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200058519-A2.
 XX
 PD 05-OCT-2000.
 XX
 PF 30-MAR-2000; 2000MO-US08440.
 XX
 PR 31-MAR-1999; 99US-0127248.
 XX
 PA (MHED) WHITEHEAD INST BIOMEDICAL RES.
 PA (AFPR-) AFFYMETRIX INC.
 XX
 PI Alshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX
 DR WPI; 2000-611722/58.
 XX
 PT Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX
 PS Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's

CC diseases.
 XX
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 1525 GCCATTGAGGCCATTTC 1541
 17 GCCATTGAGGCCATTTC 1
 RESULT 71
 AAC70441/c
 ID AAC70441 standard; DNA; 17 BP.
 XX
 AC AAC70441;
 XX
 DT 09-FEB-2001 (first entry)
 XX
 DE Single nucleotide polymorphism PCR primer #181.
 XX
 KM Single nucleotide polymorphism; SNP; human; genetic disease;
 KM disease susceptibility; cardiovascular system; endocrine system;
 KM neurological system; forensic testing; paternity testing; PCR primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200058519-A2.
 XX
 PD 05-OCT-2000.
 XX
 PF 30-MAR-2000; 2000MO-US08440.
 XX
 PR 31-MAR-1999; 99US-0127248.
 XX
 PA (MHED) WHITEHEAD INST BIOMEDICAL RES.
 PA (AFPR-) AFFYMETRIX INC.
 XX
 PI Alshuler D, Cargill M, Daley GQ, Ireland JS, Lander ES;
 PI Lipshutz RJ, Patil N, Sklar P;
 XX
 DR WPI; 2000-611722/58.
 XX
 PT Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX
 PS Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases.
 XX
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 QY
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 1525 GCCATTGAGGCCATTTC 1541
 17 GCCATTGAGGCCATTTC 1

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RESULT 72
AAC70498/c
XX AAC70498 standard; DNA; 17 BP.
XX
XX AAC70498;
AC
XX
XX 09-FEB-2001 (first entry)
XX
XX Single nucleotide polymorphism PCR primer #219.
DB
XX Single nucleotide polymorphism; SNP; human; genetic disease;
KM disease susceptibility; cardiovascular system; endocrine system;
KM neurological system; forensic testing; paternity testing; PCR primer; ss.
XX
XX Homo sapiens.
OS
XX MO200058519-A2.
XX
XX 05-OCT-2000.
XX
XX 30-MAR-2000; 2000MO-US08440.
XX
XX 31-MAR-1999; 99US-0127248.
XX
XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
XX (AFfy-) AFFYMETRIX INC.
XX
XX Altschuler D, Cargill M, Daley GQ, Ireland JS, Lander ES,
PI Lishnutz RJ, Patil N, Sklar P;
XX WPI; 2000-611722/58.
XX
XX Nucleic acid selected from one of 106 genes comprising single
PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
PT are useful for phenotypic correlations, forensics, paternity testing,
PT medicine and genetic analysis -
XX
XX Claim 8; Fig 5; 214pp; English.
XX
XX The present invention is concerned with a number of human single
CC nucleotide polymorphisms (SNPs) which the inventors identified in human
CC gene. These SNPs can be used in disease diagnosis and prediction of an
CC individual's susceptibility to disease, in forensic and paternity testing
CC and in genetic mapping. In particular, the SNPs of the invention can be
CC used to diagnose susceptibility to diseases of the cardiovascular,
CC endocrine and neurological systems, such as coronary artery disease,
CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
CC diseases.
CC
XX Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
SQ
Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1525 GCCATTCAGGCGCTATTC 1541
DB 17 GCCATTCAGGCGCGCATTC 1

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XX
XX Homo sapiens.
OS
XX MO200058519-A2.
XX
XX 05-OCT-2000.
XX
XX 30-MAR-2000; 2000MO-US08440.
XX
XX 31-MAR-1999; 99US-0127248.
XX
XX (WHED) WHITEHEAD INST BIOMEDICAL RES.
XX (AFfy-) AFFYMETRIX INC.
XX
XX Altschuler D, Cargill M, Daley GQ, Ireland JS, Lander ES,
PI Lishnutz RJ, Patil N, Sklar P;
XX WPI; 2000-611722/58.
XX
XX Nucleic acid selected from one of 106 genes comprising single
PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
PT are useful for phenotypic correlations, forensics, paternity testing,
PT medicine and genetic analysis -
XX
XX Claim 8; Fig 5; 214pp; English.
XX
XX The present invention is concerned with a number of human single
CC nucleotide polymorphisms (SNPs) which the inventors identified in human
CC gene. These SNPs can be used in disease diagnosis and prediction of an
CC individual's susceptibility to disease, in forensic and paternity testing
CC and in genetic mapping. In particular, the SNPs of the invention can be
CC used to diagnose susceptibility to diseases of the cardiovascular,
CC endocrine and neurological systems, such as coronary artery disease,
CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
CC diseases.
CC
XX Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
SQ
Query Match 1.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1525 GCCATTCAGGCGCTATTC 1541
DB 17 GCCATTCAGGCGCGCATTC 1

```


XX Altmuler D, Gargill M, Daley GQ, Ireland JS, Lander BS;
 PI Liphemutz RJ, Patil N, Sklar P;
 XX WPI, 2000-611722/58.
 DR
 XX Nucleic acid selected from one of 106 genes comprising single
 PT nucleotide polymorphisms, allele-specific oligonucleotides to the genes
 PT are useful for phenotypic correlations, forensics, paternity testing,
 PT medicine and genetic analysis -
 XX Claim 8; Fig 5; 214pp; English.
 XX
 CC The present invention is concerned with a number of human single
 CC nucleotide polymorphisms (SNPs) which the inventors identified in human
 CC genes. These SNPs can be used in disease diagnosis and prediction of an
 CC individual's susceptibility to disease, in forensic and paternity testing
 CC and in genetic mapping. In particular, the SNPs of the invention can be
 CC used to diagnose susceptibility to diseases of the cardiovascular,
 CC endocrine and neurological systems, such as coronary artery disease,
 CC schizophrenia, cancer, autoimmune diseases, Alzheimer's and Parkinson's
 CC diseases.
 CC
 SQ Sequence 17 BP; 4 A; 3 C; 7 G; 3 T; 0 other;
 XX
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 1525 GCCATTGAGGCTTATTC 1541
 DB 17 GCCATTGAGGCTTATTC 1
 XX
 RESULT 75
 ABV79223
 ID ABV79223 standard; DNA; 17 BP.
 XX
 AC ABV79223;
 XX
 DT 03-JAN-2003 (first entry)
 XX
 DE Human HTPL scanning oligonucleotide SEQ ID 469.
 XX
 KW Human; gene therapy; tumour suppressor; HTPL; chromosome 10p12.1;
 KW human testis expressed Patched like protein; testis; adrenal; liver;
 KW male germ cell development; bone marrow; brain; kidney; lung; placenta;
 KW prostate; skeletal muscle; colon; male infertility; cancer; ss.
 XX
 OS Homo sapiens.
 XX
 PN EP1229046-A2.
 XX
 PD 07-AUG-2002.
 XX
 PF 28-JAN-2002; 2002EP-0001167.
 XX
 PR 30-JAN-2001; 2001WO-US00663.
 PR 30-JAN-2001; 2001WO-US00664.
 PR 30-JAN-2001; 2001WO-US00665.
 PR 30-JAN-2001; 2001WO-US00667.
 PR 30-JAN-2001; 2001WO-US00668.
 PR 30-JAN-2001; 2001WO-US00669.
 PR 23-MAY-2001; 2001US-0864761.
 PR 09-OCT-2001; 2001US-0327898.
 XX
 PA (ABOM-) ABOMICA INC.
 XX
 PI Zhan J;
 XX
 DR WPI; 2002-676582/73.
 XX
 PT Novel isolated human testis expressed Patched like protein (HTPL),

PT useful for identifying agonist and antagonist and specific binding
 PT partners, and for treating subjects having defects in HTPL -
 XX
 PS Example 2; Page 125; 718pp; English.
 XX
 CC The present invention relates to human testis expressed Patched like
 CC protein (HTPL, see ABV78759 to ABV78762 and AB998519 to AB998520). HTPL
 CC has two isoforms, with a few single base pair differences between the
 CC two. One of the single base pair changes introduces a premature stop
 CC codon in HTPL-S (S for short) compared to HTPL-L (L for long). HTPL
 CC shares an overall structure organisation with the Patched protein. The
 CC shared structural features strongly imply that HTPL plays a role similar
 CC to that of Patched, and is a potential tumour suppressor. HTPL is
 CC important in regulating male germ cell development, and the HTPL gene was
 CC mapped to human chromosome 10p12.1. HTPL and its coding sequence are
 CC useful for diagnosing a disorder caused by mutation in HTPL, and in
 CC therapy and manufacture of a medicament for treatment or prevention of
 CC such disorder associated with decreased expression or activity of human
 CC HTPL. Such disorders include disorders of testis, or adrenal, adult and
 CC foetal liver, bone marrow, brain, kidney, lung, placenta, prostate,
 CC skeletal muscle or colon function. HTPL protein and nucleic acids are
 CC clinically useful diagnostic markers and potential therapeutic agents for
 CC male infertility and cancer. The present oligonucleotide was used in an
 CC example from the invention.
 CC
 SQ Sequence 17 BP; 2 A; 8 C; 3 G; 4 T; 0 other;
 XX
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 17;
 Best Local Similarity 94.1%; Pred. No. 1.4e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 OY 414 GTACCGCACCCTTCAGT 430
 DB 1 GTCCCGCACCTTCAGT 17
 XX
 RESULT 76
 AAF74480
 ID AAF74480 standard; DNA; 18 BP.
 XX
 AC AAF74480;
 XX
 DT 09-MAY-2001 (first entry)
 XX
 DE Clone 21399247.0.1 PRO5 sequencing primer SEQ ID NO:66.
 XX
 KW Human; PRO; cytosolic; immunomodulatory; reproduction;
 KW gene therapy; cell proliferation; differentiation disorder; cancer;
 KW immune associated disorder; gestational disease; pre-clampsia;
 KW PCR primer; sequencing primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN WO200110902-A2.
 XX
 PD 15-FEB-2001.
 XX
 PF 11-AUG-2000; 2000WO-US21857.
 XX
 PR 11-AUG-1999; 99US-0148433.
 PR 10-AUG-2000; 2000US-0148433.
 XX
 PA (CURA-) CURAGEN CORP.
 XX
 PI Shinkes RA, Fernandes B;
 XX
 DR WPI; 2001-147509/15.
 XX
 PT Nucleic acids encoding secreted polypeptides, designated PROX
 PT polypeptides, useful for treating a syndrome associated with a
 PT PROX-associated disorder, e.g. cancer -
 XX
 PS Example 9; Page 125; 166pp; English.

XX The present invention describes isolated nucleic acids encoding secreted
CC polypeptides, designated PROX polypeptides (i.e. a PRO polypeptide where
CC X is an integer from 1 to 17). PROX polypeptides have cytostatic,
CC immunomodulatory and reproduction activities, and can be used in gene
CC therapy, and as PROX antagonists and PROX agonists. PROX polypeptides,
CC nucleic acids and antibodies are useful in the manufacture of a
CC medicament for treating a syndrome associated with a PROX-associated
CC disorder, e.g. a cell proliferation and/or differentiation disorder
CC (e.g. cancer or immune associated disorder) and a gestational disease
CC (e.g. pre-clampia). They are also used for screening for a modulator of
CC activity or of latency or predisposition to a PROX-associated disorder.
CC AAF74432 to AAF74448 encode the specifically claimed human PROX
CC polypeptides PRO1 to PRO17 given in AAB70531 to AAB70547. The present
CC sequence represents a primer used in an example from the present
CC invention.

XX Sequence 18 BP; 4 A; 5 C; 7 G; 2 T; 0 other;

SO Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGAGCAA 794
DB 2 TGGACCGGCTGAGCAA 18

RESULT 77
AAF74483/C
ID AAF74483 standard; DNA; 18 BP.
AC AAF74483;
XX
XX 09-MAY-2001 (first entry)
DT
XX
XX Clone 21399247.0.1 PRO5 sequencing primer SEQ ID NO:69.
DE
XX
XX Human; PRO; PROX; cytostatic; immunomodulatory; reproduction;
KW gene therapy; cell proliferation; differentiation disorder; cancer;
KM immune associated disorder; gestational disease; pre-clampia;
XX PCR primer; sequencing primer; ss.
XX
XX Homo sapiens.
OS
XX
XX WO200110902-A2.
PN
XX
XX 15-FEB-2001.
PD
XX
XX 11-AUG-2000; 2000WO-US21857.
PF
XX
XX 11-AUG-1999; 99US-0148433.
PR 10-AUG-2000; 2000US-0148433.
PA
XX
XX (CURA-) CURAGEN CORP.
PI
XX
XX Shimkets RA, Fernandes E;
PI
XX
XX WPI; 2001-147509/15.
DR
XX
XX Nucleic acids encoding secreted polypeptides, designated PROX
PT polypeptides, useful for treating a syndrome associated with a
PT PROX-associated disorder, e.g. cancer -
XX
XX Example 9; Page 126; 166pp; English.

CC The present invention describes isolated nucleic acids encoding secreted
CC polypeptides, designated PROX polypeptides (i.e. a PRO polypeptide where
CC X is an integer from 1 to 17). PROX polypeptides have cytostatic,
CC immunomodulatory and reproduction activities, and can be used in gene
CC therapy, and as PROX antagonists and PROX agonists. PROX polypeptides,
CC nucleic acids and antibodies are useful in the manufacture of a
CC medicament for treating a syndrome associated with a PROX-associated

CC disorder, e.g. a cell proliferation and/or differentiation disorder
CC (e.g. cancer or immune associated disorders) and a gestational disease
CC (e.g. pre-clampia). They are also used for screening for a modulator of
CC activity or of latency or predisposition to a PROX-associated disorder.
CC AAF74432 to AAF74448 encode the specifically claimed human PROX
CC polypeptides PRO1 to PRO17 given in AAB70531 to AAB70547. The present
CC sequence represents a primer used in an example from the present
CC invention.

XX Sequence 18 BP; 2 A; 7 C; 5 G; 4 T; 0 other;

SO Query Match 1.1%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 TGGACCGGCTGAGCAA 794
DB 17 TGGACCGGCTGAGCAA 1

RESULT 78
ABL4555/C
ID ABL4555 standard; DNA; 19 BP.
AC ABL4555;
XX
XX 11-APR-2002 (first entry)
DT
XX
XX Human chromosome 1p36-35 PCR primer SEQ ID NO:1599.
DE
XX
XX Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis;
KW Human; PCR primer; ss.
KM
XX
XX Homo sapiens.
OS
XX
XX JP2001321190-A.
FN
XX
XX 20-NOV-2001.
PD
XX
XX 12-MAR-2001; 2001JP-0068285.
PF
XX
XX 10-MAR-2000; 2000JP-0066716.
PR
XX
XX (RIKA) RIKAKAKU KENKYUSHO.
PA (GENO-) GENOTEX YG.
XX
XX WPI; 2002-144136/19.
DR
XX
XX Arraying genome clones -
PT
XX
XX Claim 4; Page 36; 528pp; Japanese.

CC The present invention describes a method of arraying genome clones. The
CC method comprises: (a) clones of the genomic libraries contained in
CC multiwell plates numbered for discrimination are mixed in each of the
CC multiwell plates; (b) a primer designed based on the chromosome marker
CC sequence is added to the mixture to carry out an amplification reaction;
CC (c) a signal corresponding to the marker is detected from the resultant
CC amplified product to specify the discrimination Nos. of the multiwell
CC plates containing the clones having said marker sequence; (d) the order
CC of the markers is changed so that the same discrimination Nos. succeed to
CC the maximum in the specified discrimination Nos. to array the multiwell
CC plates; (e) the clones in the multiwell plates of the specified
CC discrimination Nos. are mixed respectively in each wells of longitudinal
CC and lateral directions; (f) the mixed clones are cultured and the
CC resultant cultures are amplified by using the above primer; (g) signals
CC are detected from the amplified products; (h) the clones in the multiwell
CC plates are specified from the detected result; and (i) the clones are
CC reconstituted as the positions on the chromosome and arrayed. The
CC microarray is useful for gene analysis. ABL42957 to ABL45322 represent
CC PCR primers for human chromosome 1p36-35 DNA, and ABL45323 to ABL45634
CC represent PCR primers for human chromosome 21q22.1, which are
CC specifically claimed for use in the present invention.

XX Sequence 19 BP; 4 A; 7 C; 4 G; 4 T; 0 other;
SQ

Query Match 1.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 GGAGGGGAGAGCTTTC 1351
DB 19 GGATGGGAGAGCTTTC 3

RESULT 79
AAZ01445/c
ID AAZ01445 standard; DNA; 20 BP.

AC AAZ01445;
DT 07-OCT-1999 (first entry)
XX

DB PCR primer used to amplify an ORF of Chlamydia trachomatis.

XX Vaccine; eye disease; conventional trachoma; nonendemic trachoma;
KW paratrachoma; inclusion conjunctivitis; genital disease; peritrophic;
KW nongonococcal urethritis; epididymitis; cervicitis; salpingitis; PCR primer;
KW Bartholinitis; pneumopathy; venereal lymphogranulomatosis; ss.

XX Synthetic.
OS Chlamydia trachomatis.
XX WO928475-A2.
XX

PD 10-JUN-1999.

PP 27-NOV-1998; 98WO-IB01939.

XX 04-NOV-1998; 98US-0107077.

PR 28-NOV-1997; 97FR-0015041.

PR 17-DEC-1997; 97FR-0016034.

XX (GERT) GENSET.

PA Griffais R;

PI Griffais R;

DR WPI; 1999-371125/31.

XX Genome sequence of Chlamydia trachomatis

PT Disclosure; Page 1443; 1755pp; English.

PS PCR primers AAZ01426-206209 were used to amplify open reading frames

CC (ORFs) of the genome of Chlamydia trachomatis (see AAZ01425). These ORFs

CC encode polypeptides (see AAY6754-737949) which can be used as vaccines

CC against Chlamydia trachomatis. Antisense and ribozyme sequences

CC can also be used to control growth of the microorganism. Chlamydia

CC trachomatis is responsible for a large number of diseases, e.g. eye

CC diseases such as conventional trachoma, nonendemic trachoma,

CC paratrachoma, and inclusion conjunctivitis; genital diseases such as

CC nongonococcal urethritis, epididymitis, cervicitis, salpingitis,

CC peritrophic, Bartholinitis; pneumopathy in breast feeding infants;

CC and venereal lymphogranulomatosis. The polypeptides of the

CC invention may be of use in treating these diseases.

XX Sequence 20 BP; 5 A; 6 C; 6 G; 3 T; 0 other;

SQ

Query Match 1.1%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 1.8e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 TCCTGCTGAGTCTTA 893

DB 19 TCCTGCTGAGTCTTA 3

RESULT 80

AAZ00584
ID AAZ00584 standard; DNA; 20 BP.

XX AAZ00584;

AC AAZ00584;

DT 06-OCT-1999 (first entry)

XX Human glypican sequence tag STS MV2b.

DB Glypican; GPC1; GPC3; GPC4; GPC5; GPC6; human; glypican-related protein;

XX glypican-6; glypican-4; glypican-1; glypican-3; glypican-5; diagnosis;

KW treatment; abnormal; cell growth; cell behaviour; somatic overgrowth;

KW tumour formation; sequence tag; STS; MV2b; ss.

XX Homo sapiens.

OS WO937764-A2.

XX 29-JUL-1999.

PD 20-JAN-1999; 99WO-EP00329.

XX 27-JAN-1998; 98BP-0200226.

XX (VIAA-) VLAMMS INTERUNIVERSITAIR INST BIOTECNOG.

PA David GJP, Veugelers MPD;

XX WPI; 1999-469128/39.

DR New polynucleotides encoding glypican-related proteins, used to

XX diagnose, e.g. tumor formation

PT Example 2; Page 33; 79pp; English.

XX This invention describes the isolation of novel human polynucleotides

CC encoding glypican-related proteins, glypican-6 (GPC6) and glypican-4

CC (GPC4). The invention also describes the polynucleotide and encoded

CC protein sequences of glypican-1 (GPC1), glypican-3 (GPC3) and glypican-5

CC (GPC5). The products of the invention can be used to diagnose and treat

CC disorders and diseases, particularly those involving abnormal cell

CC growth and behaviour, such as somatic overgrowth and tumour formation.

CC AAZ00581-Z00586 represent novel glypican sequence tags (STS's).

XX Sequence 20 BP; 2 A; 6 C; 4 G; 8 T; 0 other;

SQ

Query Match 1.1%; Score 15.4; DB 1; Length 20;

Best Local Similarity 94.1%; Pred. No. 1.8e+02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1430 TCCTGCTGCTGCTTCTT 1446

DB 4 TCCTGCTGCTGCTTCTT 20

RESULT 81

ABZ21763/c

ID ABZ21763 standard; DNA; 20 BP.

XX ABZ21763;

AC 28-FEB-2003 (first entry)

DT Serine/threonine kinase A1M-1 gene antisense oligonucleotide 1.

XX Serine/threonine kinase; enzyme; A1M-1; antisense oligonucleotide;

KW human; liver cancer; tumour; inhibition; ss.

XX Homo sapiens.

OS Synthetic.

XX

PN CN1358732-A.
 XX
 PD 17-JUL-2002.
 XX
 PP 11-DEC-2000; 2000CN-0134534.
 XX
 PR 11-DEC-2000; 2000CN-0134534.
 XX
 PA (RAD1-) INST RADIO MEDICINE MILITARY MEDICAL ACAD.
 XX
 PI Wang S, Lin L, Guan W;
 DR WPI; 2002-733523/80.
 PT Antisense oligonucleotide structure and use using serine/threonine
 PT kinase AIM-1 gene as target -
 XX
 PS Claim 1; Page 1 (Claims); 9pp; Chinese.
 XX
 CC AB221763 to AB221774 represent antisense oligonucleotides for the
 CC serine/threonine kinase AIM-1 gene. Also described is a human liver
 CC cancer (HepG2) cell strain and a Balb/c (nu/nu) nude mouse inoculative
 CC liver cancer cell which can be used as models for screening and
 CC evaluation of the 12 antisense oligonucleotides. In vitro studies show
 CC that the antisense oligonucleotides can effectively inhibit the growth
 CC of human liver cancer, and have a dose-dependent relationship, and in
 CC the nude mouse they can also effectively inhibit the growth of cancer,
 CC so they can be used for treating and reducing tumours and its related
 CC diseases.
 XX
 SQ Sequence 20 BP; 7 A; 4 C; 6 G; 3 T; 0 other;
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1435 CTGCTGCTCCCTGTCAT 1451
 DB 20 CTGATGCTCCCTGTCAT 4
 XX
 RESULT 82
 AAL38201/c
 ID AAL38201 standard; DNA; 20 BP.
 XX
 AC AAL38201;
 XX
 DT 15-AUG-2002 (first entry)
 XX
 DE Human BH3 interacting domain death mRNA agonist inhibitor SEQ ID 44.
 XX
 KW Hepatocytic; immunomodulatory; cytostatic; antiinflammatory; hepatitis;
 KW haemostatic; BH3 interacting domain agonist; liver disease;
 KW haematopoietic disorder; developmental disorder; immunological disorder;
 KW hyperproliferative disorder; apoptosis; human; chimeric; 2'-methoxyethyl;
 KW 2'-MOB; phosphorothioate backbone; ds.
 XX
 OS Chimeric - Homo sapiens.
 OS
 XX
 PN MO200220547-A1.
 PD 14-MAR-2002.
 XX
 PP 31-AUG-2001; 2001MO-US27316.
 XX
 PR 07-SEP-2000; 2000US-0657346.
 PR 07-MAR-2001; 2001US-0800631.
 XX
 PA (ISIS-) ISIS PHARM INC.
 PA
 PI Zhang H, Wyatt JR;
 XX
 DR WPI; 2002-393838/42.

XX
 PT Novel antisense compound targeted to nucleic acid molecule encoding the
 PT BH3 interacting domain death agonist, useful for treating animals with
 PT diseases associated with BH3 interacting domain death agonist, e.g.
 PT hepatitis -
 XX
 XX
 PS Claim 3; Page 87; 171pp; English.
 XX
 CC The invention relates to a compound 8 to 50 nucleotides in length
 CC targeted to a nucleic acid molecule encoding a BH3 interacting domain
 CC death agonist, where the compound specifically hybridizes with and
 CC inhibits the expression of the BH3 interacting domain death agonist. The
 CC compound of the invention is useful for inhibiting the expression of the
 CC BH3 interacting domain death agonist in cells or tissues. The compound is
 CC also useful for treating an animal having a disease or condition
 CC associated with the BH3 interacting domain death agonist, e.g.
 CC haematopoietic disorder, hyperproliferative disorder, a developmental
 CC disorder, immunological disorder, or a disease or condition of the liver
 CC e.g., hepatitis, or a condition associated with apoptosis. The compound
 CC is useful for diagnostic, therapeutic, prophylaxis and as research
 CC reagents and kits. This polynucleotide sequence represents an antisense
 CC oligonucleotide inhibitor of the DNA from human BH3 interacting domain
 CC death agonist RNA of the invention.
 CC NOTE: This sequence is a chimeric oligonucleotide 20 nucleotides in
 CC length, which is flanked on both sides by five-nucleotide 'wings'. The
 CC wings are composed of 2'-methoxyethyl (2'-MOB) nucleotides. The
 CC internucleoside (backbone) linkages are phosphorothioate (P=S) throughout
 CC the oligonucleotide.
 XX
 SQ Sequence 20 BP; 4 A; 2 C; 10 G; 4 T; 0 other;
 XX
 Query Match 1.1%; Score 15.4; DB 1; Length 20;
 Best Local Similarity 94.1%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 423 CTTCCAGTTCAGCCCT 439
 DB 17 CTTCCAGATTCAGCCCT 1
 XX
 RESULT 83
 AAQ62049/c
 ID AAQ62049 standard; DNA; 21 BP.
 XX
 AC AAQ62049;
 XX
 DT 25-MAR-2003 (updated)
 DT 09-OCT-1994 (first entry)
 XX
 DE Hen egg white lysozyme gene Cys to Thr mutation at codon 94.
 XX
 KW Hen egg white; lysozyme; enzyme engineering; protein engineering
 KW fowl; plasmid pKp1500; ss.
 XX
 OS Synthetic.
 OS
 XX
 FH Key Location/Qualifiers
 FH FT misc_feature 10..12 /'tag= a
 FT /note= "Cys to Thr mutation"
 XX
 PN MO9408018-A1.
 PD 14-APR-1994.
 XX
 PP 28-SEP-1993; 93WO-GB02026.
 XX
 PR 28-SEP-1992; 92GB-0020418.
 XX
 PA (UNIL) UNILEVER NV.
 PA (UNIL) UNILEVER PLC.
 XX
 PI Goodenough PW, Gould WW, Moseley BEB, Pickersgill RW;

QY 462 CGACTACATGTCATGCCCA 481
 |||||
 DB 20 CGACTCATCTTATGCCCA 1

RESULT 86
 ID AAZ04744
 AAZ04744 standard; DNA; 20 BP.

AC AAZ04744;

DT 07-OCT-1999 (first entry)

DE PCR primer used to amplify an ORF of Chlamydia trachomatis.

XX Vaccine; eye disease; conjunctivitis; genital disease; perinephritis;
 KM paratrachoma; inclusion conjunctivitis; epididymitis; cervicitis; salpingitis; PCR primer;
 KM nongonococcal urethritis; pneumonia; lymphogranulomatosis; ss.
 XX Bartholinitis; pneumopathy; venereal lymphogranulomatosis; ss.

OS Synthetic.
 OS Chlamydia trachomatis.

PN WO928475-A2.

PD 10-JUN-1999.

PF 27-NOV-1998; 98WO-IB01939.

PR 04-NOV-1998; 98US-0107077.

PR 28-NOV-1997; 97FR-0015041.

PR 17-DEC-1997; 97FR-0016034.

PA (GEST) GENSET.

PI Griffois R;

DR WPI; 1999-371125/31.

PT Genome sequence of Chlamydia trachomatis

PS Disclosure; Page 1713; 1755pp; English.

XX PCR primers AAZ01426-206209 were used to amplify open reading frames
 CC (ORFs) of the genome of Chlamydia trachomatis (see AAZ01425). These ORFs
 CC encode polypeptides (see AAY36754-Y37949) which can be used as vaccines
 CC against Chlamydia trachomatis. Antisense and ribozyme sequences
 CC can also be used to control growth of the microorganism. Chlamydia
 CC trachomatis is responsible for a large number of diseases, e.g. eye
 CC diseases such as conventional trachoma, nongonococcal urethritis,
 CC paratrachoma, and inclusion conjunctivitis; genital diseases such as
 CC nongonococcal urethritis, epididymitis, cervicitis, salpingitis,
 CC perinephritis, Bartholinitis; pneumopathy in breast feeding infants;
 CC and venereal lymphogranulomatosis. The polypeptides of the
 CC invention may be of use in treating these diseases.

XX Sequence 20 BP; 3 A; 6 C; 4 G; 7 T; 0 other;

Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
 Matches 1; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1369 CTGATGTTGATGCCCAAGT 1388
 |||||
 DB 1 CTCCTGTTTATGCCCAAGT 20

RESULT 87
 ID AAX93359
 AAX93359 standard; DNA; 20 BP.

XX AAX93359;
 XX

DT 13-SEP-1999 (first entry)
 XX PCR primer used to amplify an ORF of Chlamydia pneumoniae.

XX Respiratory disease; pneumonia; bronchitis; heart disease; sarcoidosis;
 KM sinusitis; purulent otitis media; erythema nodosum; pharyngitis;
 KM vaccine; neutralising epitope; PCR primer; ss.

OS Synthetic.
 OS Chlamydia pneumoniae.

PN WO927105-A2.

PD 03-JUN-1999.

PF 20-NOV-1998; 98WO-IB01890.

PR 04-NOV-1998; 98US-0107078.

PR 21-NOV-1997; 97FR-0014673.

PA (GEST) GENSET.

PI Griffois R;

DR WPI; 1999-357842/30.

PT Genome sequence of Chlamydia pneumoniae

PS Page 1583; Disclosure; 1912pp; English.

XX AAX91991-X97517 represent PCR primers used to amplify open reading
 CC frames and other nucleic acid sequences from the genome of
 CC Chlamydia pneumoniae (see AAX91990). C. pneumoniae causes respiratory
 CC disease such as pneumonia and bronchitis and is thought to be a
 CC contributing factor in heart disease, sarcoidosis, sinusitis, purulent
 CC otitis media, erythema nodosum or pharyngitis. The polypeptides encoded
 CC by the open reading frames of the C. pneumoniae genome (see AAY34584-
 CC AAY35879) can be used in immunogenic compositions as vaccines. Vectors
 CC containing C. pneumoniae nucleotide sequences can also be used as
 CC immunogenic compositions, especially where the vector directs the
 CC expression of a neutralising epitope of C. pneumoniae.

XX Sequence 20 BP; 6 A; 8 C; 2 G; 4 T; 0 other;

Query Match 1.1%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
 Matches 1; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 523 CCCATGACCTGAAAGTCAT 542
 |||||
 DB 1 CCCATGACCTGAAAGTCAT 20

RESULT 88
 ID AAC93264/c
 AAC93264 standard; DNA; 20 BP.

XX AAC93264;

DT 15-FEB-2001 (first entry)

DE Human STRAT3 phosphorothioate antisense oligonucleotide SEQ ID NO:115.

XX Human, mouse, STRAT3, phosphorothioate; antisense oligonucleotide;
 KM modulation; signal transducer and activator of transcription;
 KM DNA-binding protein; signal transduction; inhibition; apoptosis;
 KM inflammatory disease; cancer; antiinflammatory; antirheumatic;
 KM cytotoxic; immunostimulatory; rheumatoid arthritis; leukaemia;
 XX myeloma; melanoma; lymphoma; diagnosis; ss.

OS Homo sapiens.
 XX WO200061602-A1.
 PN

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XX 19-OCT-2000.
PD 06-APR-2000; 2000WO-US09054.
XX 08-APR-1999; 99US-0288461.
XX (ISIS-) ISIS PHARM INC.
PA Karrae JG;
XX WPI; 2000-619223/59.
XX
XX New antisense compound for inhibiting the expression of signal
PT transducer and activator of transcription 3 (STAT3) in cells or tissues
PT and treating diseases or condition associated with STAT3, such as
PT rheumatoid arthritis and cancer -
XX
XX Example 12; Page 63; 104pp; English.
XX
XX The present invention describes an antisense compound (I), 8 to 30
XX nucleobases in length, that is targeted to a nucleic acid molecule
XX encoding STAT3 (Signal Transducer and Activator of Transcription) and
XX which inhibits the expression of it. (I) has antiinflammatory,
XX antineoplastic, cytostatic and immunostimulatory activities. (I) is used
XX for inhibiting the expression of STAT3 in cells or tissues, treating
XX an animal having a disease or condition associated with STAT3 or a
XX human having a disease or condition characterized by a reduction in
XX apoptosis, and inducing apoptosis in a cell. Diseases or conditions
XX that are treated are rheumatoid arthritis, cancer of the breast,
XX prostate, brain, head and/or neck, leukemia, myeloma, melanoma or
XX lymphoma. (I) can also be used for diagnostic methods in detecting and
XX determining the role of STAT3 in various cell functions, physiological
XX processes and conditions and for diagnosing the conditions associated
XX with expression of STAT3. (I) can be used alone or with other drugs as
XX an immunostimulant. (I) is used in sandwich and colourimetric assays,
XX involving enzyme conjugation and radiolabeling and is used in
XX diagnostic kits. AAC93150 encodes human STAT3 and AAC93151 encodes
XX STAT3 as given in the exemplification of the present invention. AAC93151
XX to AAC93130 and AAC93122 to AAC93299 represent STAT3 phosphorothioate
XX antisense oligonucleotides, and AAC93300 represents a mismatch control
XX oligonucleotide which are used in example from the present invention.
XX
XX Sequence 20 BP; 2 A; 8 C; 4 G; 6 T; 0 other;
SQ
XX
XX Query Match 1.1%; Score 15.2; DB 1; Length 20;
XX Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
XX Matches 17; Conservative 0; Mismatches 3;
XX
XX 315 GAAGCCGAGTGGCGGAGC 334
XX ||||| ||||| |||||
XX 20 GAAGCAGCAGATCTCGAGC 1
XX
XX RESULT 89
XX AAA63662/c
XX ID AAA63662 standard; DNA; 20 BP.
XX
XX AAA63662;
XX
XX 04-DEC-2000 (first entry)
XX
XX PCR primer used to construct a reference material system.
XX
XX Nucleic acid reference material; polymerase chain reaction; PCR;
XX nucleic acid amplification; PCR primer; ss.
XX
XX Escherichia coli.
XX
XX MO200046401-A1.
XX
XX 10-AUG-2000.
XX

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XX 02-FEB-2000; 2000WO-GB00305.
XX 03-FEB-1999; 99GB-0002422.
XX (IGCT-) LGC TEBDINGTON LTD.
XX Mcdowell DG;
XX WPI; 2000-514968/46.
XX
XX New nucleic acid reference material comprising two reference sequences
PT for use in the polymerase chain reaction and for verifying nucleic acid
PT amplification reactions by acting as a control -
XX
XX Example 3; Page 31; 54pp; English.
XX
XX The specification describes a nucleic acid reference material, which
XX comprises two reference sequences, each with a pair of primer binding
XX sites which are the same except for the substitution of one or a few
XX nucleotide bases. The reference material is used in the polymerase chain
XX reaction (PCR). The reference material is used as a control for
XX verifying nucleic acid amplification reactions. The reference material is
XX designed to be used in isolation in PCR systems or simultaneously within
XX PCR assays, to control for and allow the measurement of PCR specificity
XX and sensitivity. Amplification reactions that can be verified include
XX ligase chain reaction, gapped ligase chain reaction, strand displacement
XX amplification, nucleic acid sequence based amplification and
XX self-sustained sequence replication. The reference material is
XX particularly useful where detection of target sequences in medical or
XX environmental samples is desired. PCR primers AAA63662-63 were used
XX to amplify high molecular weight DNA from Escherichia coli strain
XX W3110, and the amplified fragment used to construct a reference material
XX system of the invention.
XX
XX Sequence 20 BP; 4 A; 7 C; 5 G; 4 T; 0 other;
SQ
XX
XX Query Match 1.1%; Score 15.2; DB 1; Length 20;
XX Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
XX Matches 17; Conservative 0; Mismatches 3;
XX
XX 571 GAAGTGCCTTCATGAAACG 590
XX ||||| ||||| |||||
XX 20 GAATGTCCTTCGGAACG 1
XX
XX RESULT 90
XX AAA40834
XX ID AAA40834 standard; DNA; 20 BP.
XX
XX AAA40834;
XX
XX 16-AUG-2000 (first entry)
XX
XX Human TNFalpha antisense oligonucleotide ISIS# 21694.
XX
XX Antisense oligonucleotide; phosphorothioate; TNFalpha; cytokine; inhibit;
XX tumour necrosis factor alpha; inflammatory bowel disease; diabetes;
XX rheumatoid arthritis; infectious disease; multiple sclerosis; hepatitis;
XX pancreatitis; atopic dermatitis; allograft rejection;
XX autoimmune disease; inflammatory disease; ss.
XX
XX Synthetic.
XX
XX MO200020645-A1.
XX
XX 13-APR-2000.
XX
XX 05-OCT-1999; 99WO-US23205.
XX
XX 05-OCT-1998; 98US-0166186.
XX
XX 18-MAY-1999; 99US-0313932.
XX
XX (ISIS-) ISIS PHARM INC.
XX

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